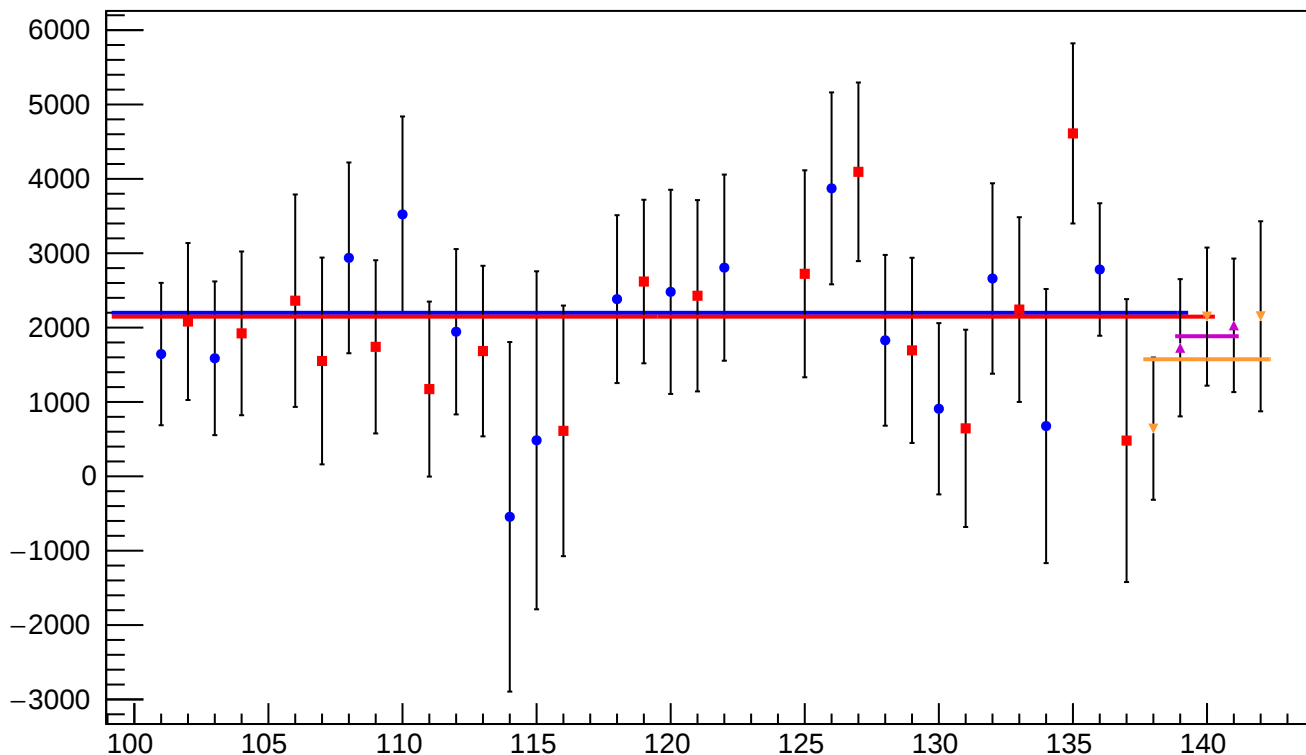


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1574.047+/-590.768

Right Out: 2147.149+/-304.804

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.5/2

χ^2/NDF : 11.4/16

χ^2/NDF : 0.1/1

Left: 1715.739+/-435.184

Right: 2172.848+/-216.219

In: 2140.543+/-276.910

Out: 2026.663+/-270.875

All: 2082.349+/-193.636

χ^2/NDF : 1.7/4

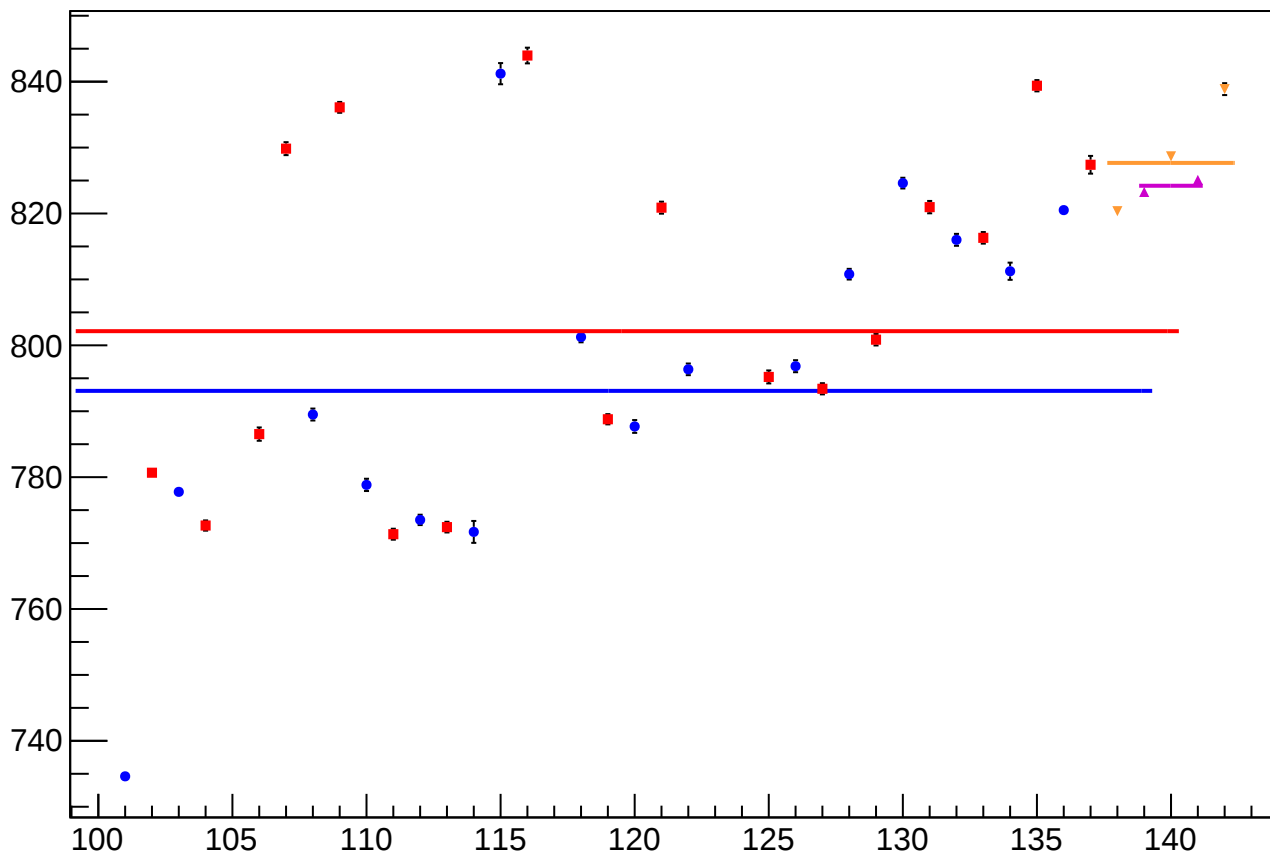
χ^2/NDF : 20.0/32

χ^2/NDF : 8.8/17

χ^2/NDF : 13.7/19

χ^2/NDF : 22.6/37

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 827.675 $\pm$ 0.418 χ^2 /NDF:273.1/2

Right Out: 802.148 $\pm$ 0.216 χ^2 /NDF: 12723.5/16

Left In: 824.209 $\pm$ 0.455 χ^2 /NDF:4.0/1

Left: 826.090 $\pm$ 0.308 χ^2 /NDF: 308.6/4

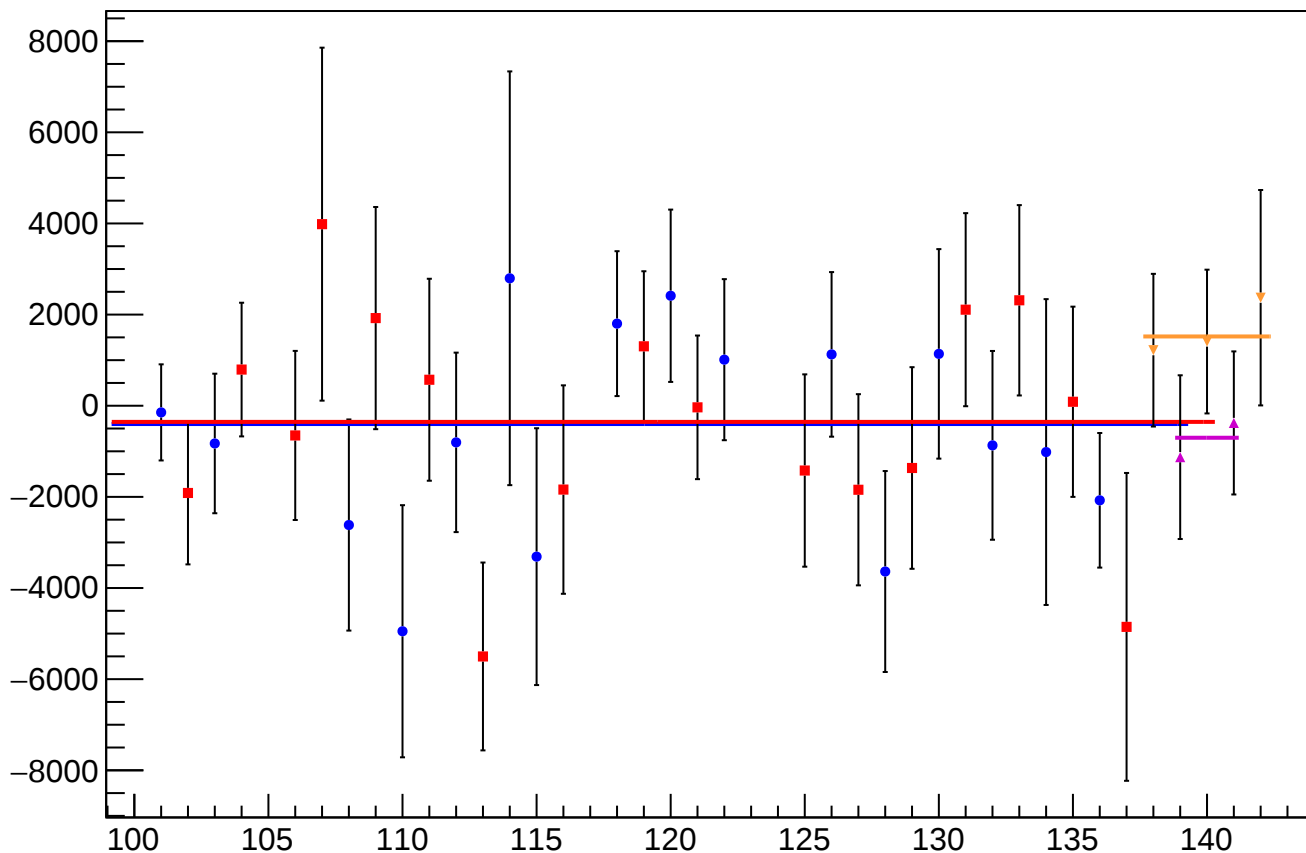
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 798.853 $\pm$ 0.196 χ^2 /NDF:18517.9/17

Out: 807.515 $\pm$ 0.192 χ^2 /NDF:15945.9/19

All: 803.279 $\pm$ 0.137 χ^2 /NDF: 35463.7/37

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2 /NDF: 14.8/15

Left Out: 1520.064 $\pm$ 1032.890 χ^2 /NDF:0.2/2

Right Out: -354.462 $\pm$ 486.525 χ^2 /NDF: 17.4/16

Left In: -702.480 $\pm$ 1182.107 χ^2 /NDF:0.1/1

Left: 557.841 $\pm$ 777.803 χ^2 /NDF: 2.3/4

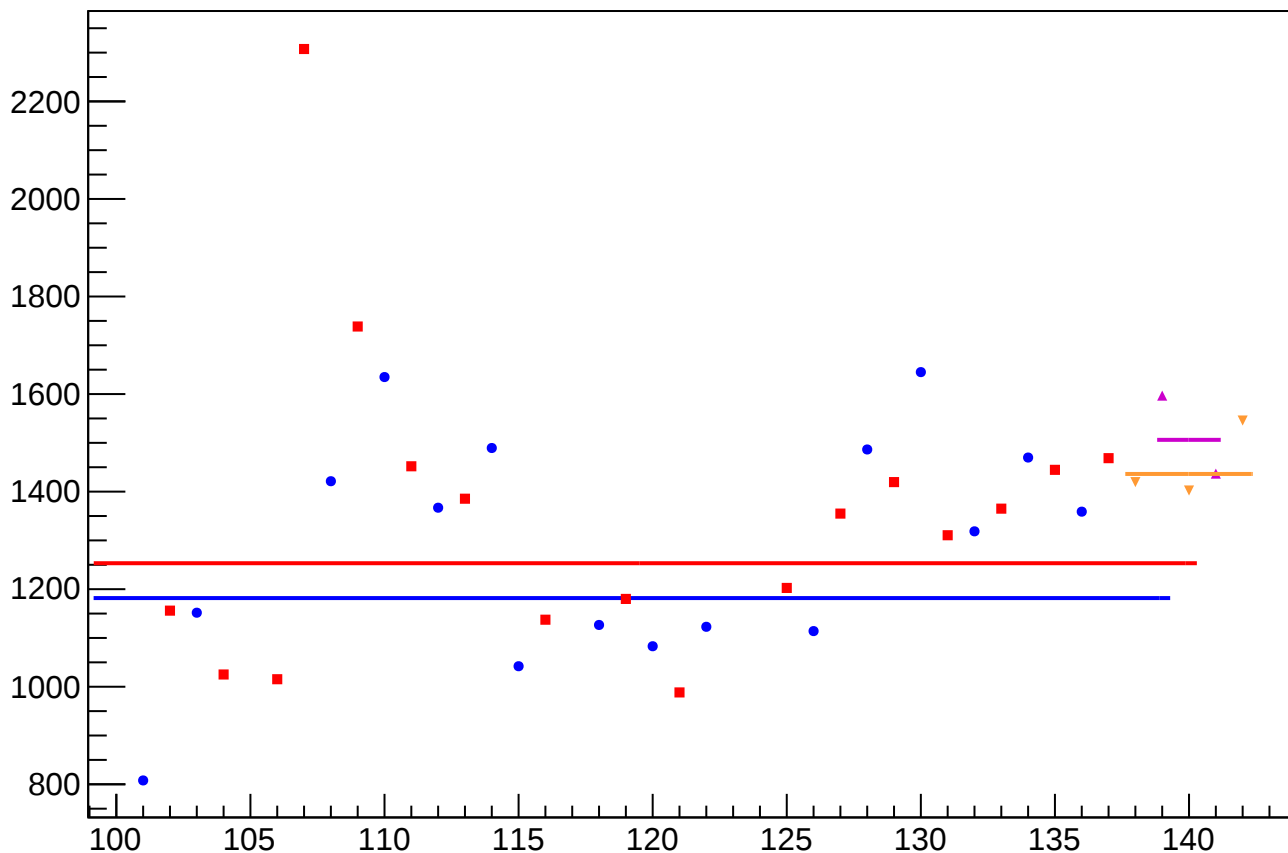
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -442.353 $\pm$ 435.677 χ^2 /NDF:15.0/17

Out: -14.079 $\pm$ 440.142 χ^2 /NDF:20.3/19

All: -230.399 $\pm$ 309.636 χ^2 /NDF: 35.7/37

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1436.228+/-0.730 χ^2/NDF : 5420.3/2

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1506.155+/-0.836 χ^2/NDF : 8987.1/1

Left: 1466.502+/-0.550 χ^2/NDF : 18376.0/4

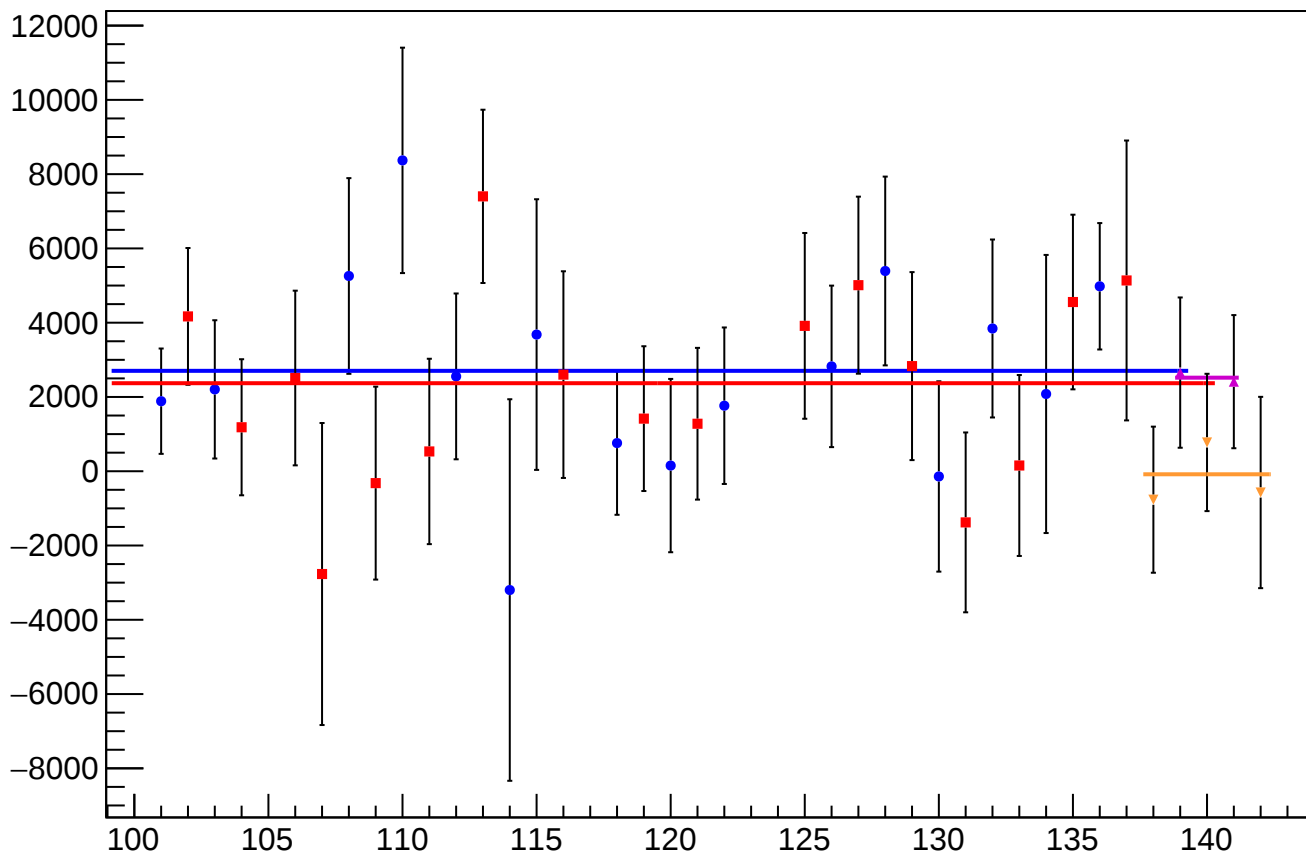
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1225.830+/-0.308 χ^2/NDF : 682630.0/17

Out: 1286.452+/-0.311 χ^2/NDF : 512445.0/19

All: 1255.832+/-0.219 χ^2/NDF : 1214238.7/37

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: -81.974+/-1193.718 χ^2/NDF : 0.4/2

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 2519.408+/-1341.818 χ^2/NDF : 0.0/1

Left: 1067.288+/-891.869 χ^2/NDF : 2.5/4

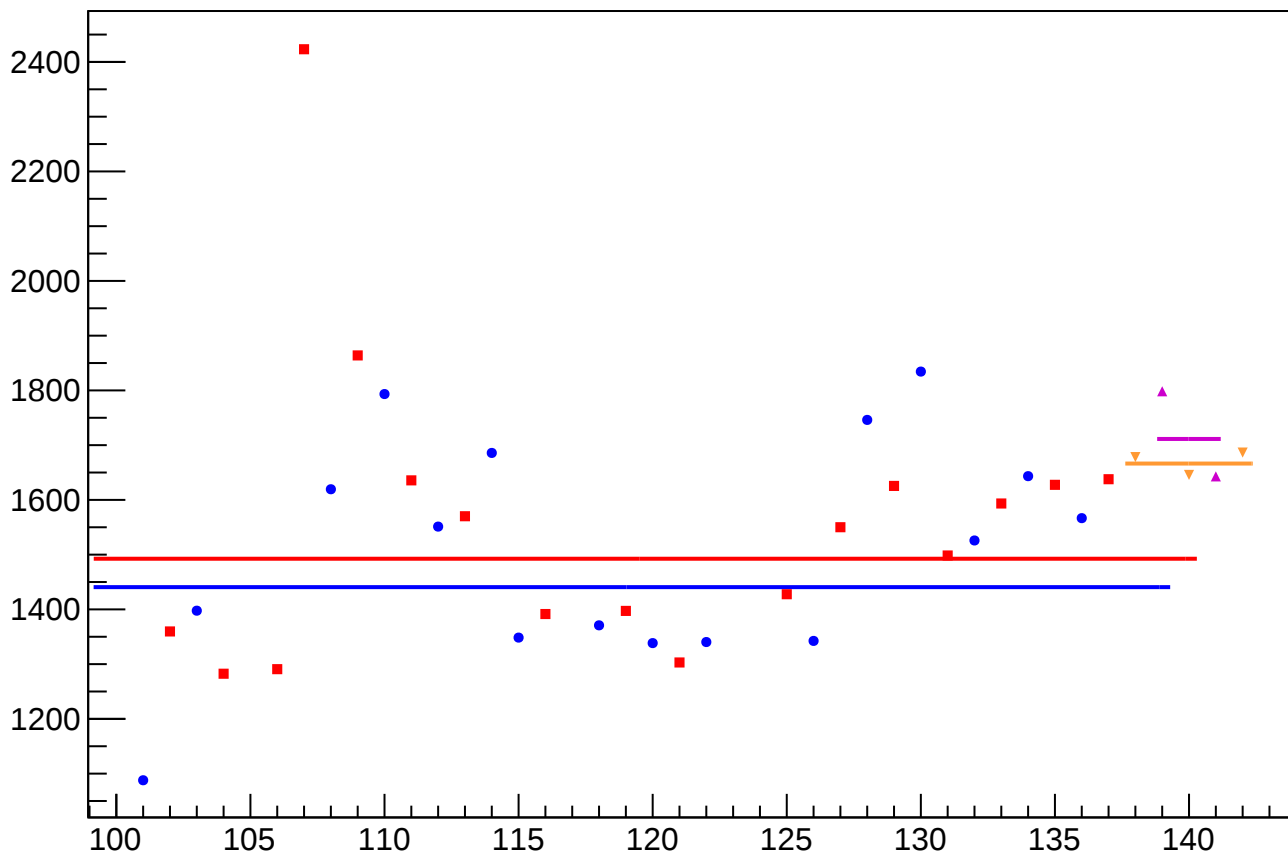
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2675.978+/-520.334 χ^2/NDF : 13.1/17

Out: 1910.708+/-516.923 χ^2/NDF : 19.8/19

All: 2290.826+/-366.719 χ^2/NDF : 34.0/37

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1666.396+/-0.844 χ^2/NDF : 445.7/2

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1711.318+/-0.949 χ^2/NDF : 6614.0/1

Left: 1686.242+/-0.631 χ^2/NDF : 8311.0/4

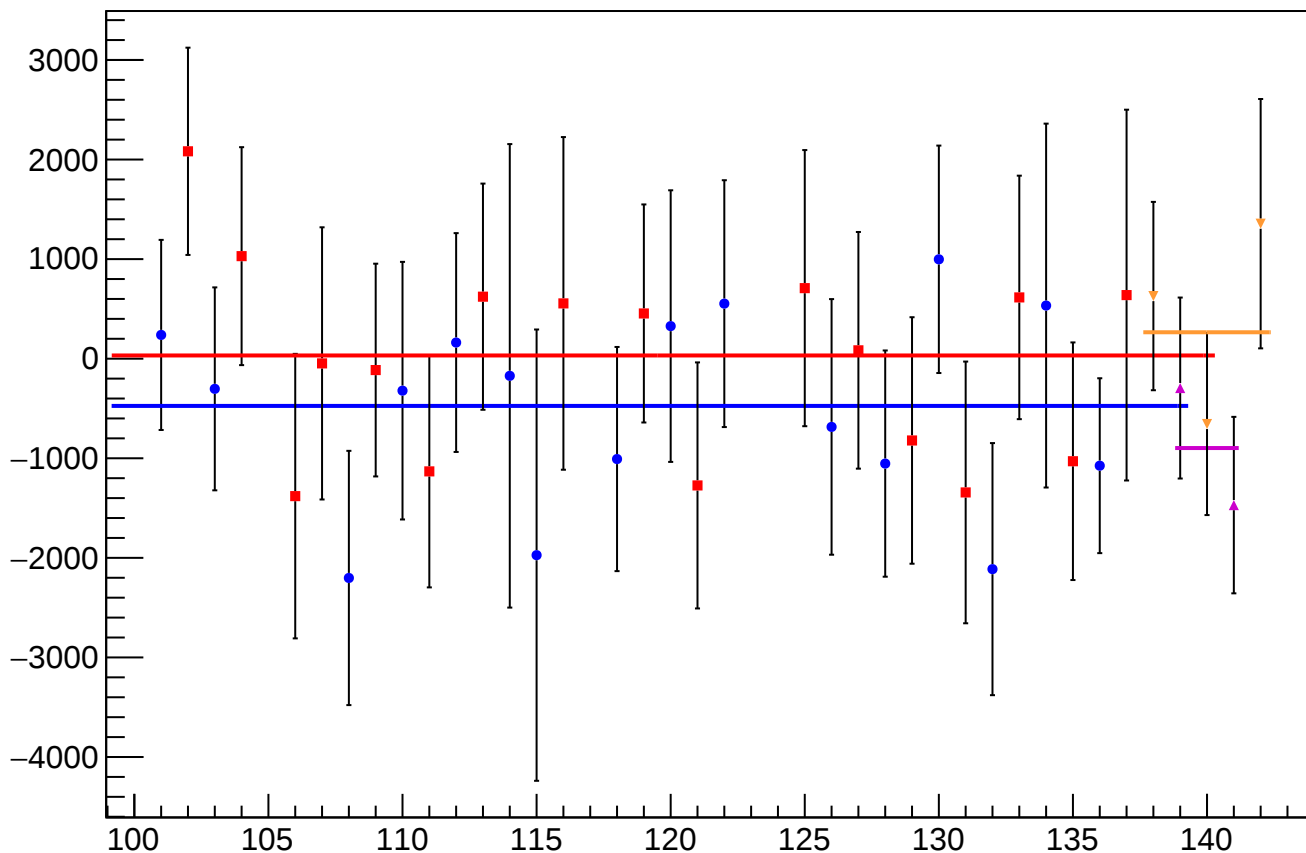
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1481.354+/-0.368 χ^2/NDF : 358017.8/17

Out: 1525.133+/-0.366 χ^2/NDF : 286424.2/19

All: 1503.387+/-0.259 χ^2/NDF : 651567.5/37

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: 265.449+/-582.024 χ^2/NDF : 1.9/2

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -897.217+/-634.438 χ^2/NDF : 0.9/1

Left: -265.881+/-428.888 χ^2/NDF : 4.6/4

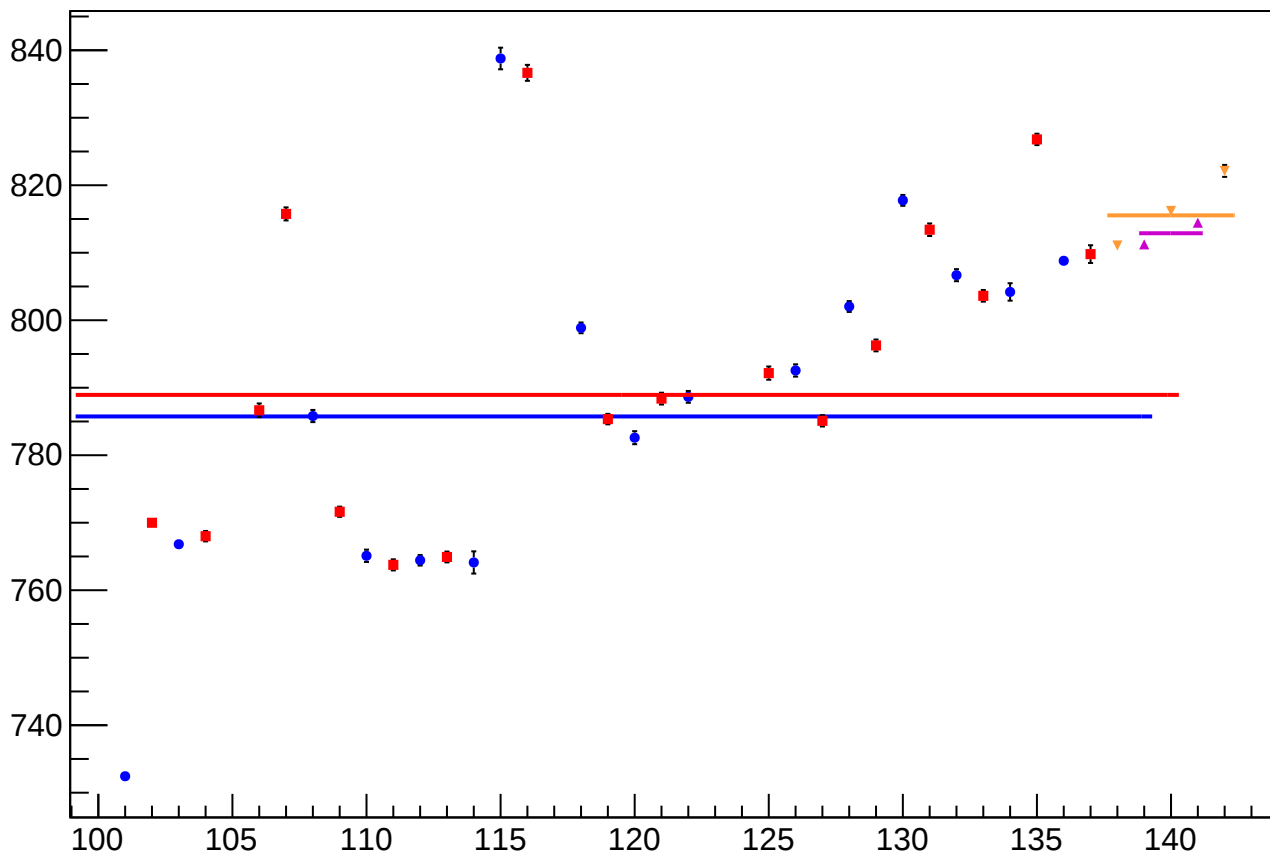
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -553.100+/-274.089 χ^2/NDF : 10.1/17

Out: 81.262+/-266.387 χ^2/NDF : 13.3/19

All: -226.881+/-191.029 χ^2/NDF : 26.2/37

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 815.538 $\pm$ 0.412 χ^2 /NDF:101.0/2

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 812.887 $\pm$ 0.449 χ^2 /NDF:12.8/1

Left: 814.326 $\pm$ 0.303 χ^2 /NDF: 132.8/4

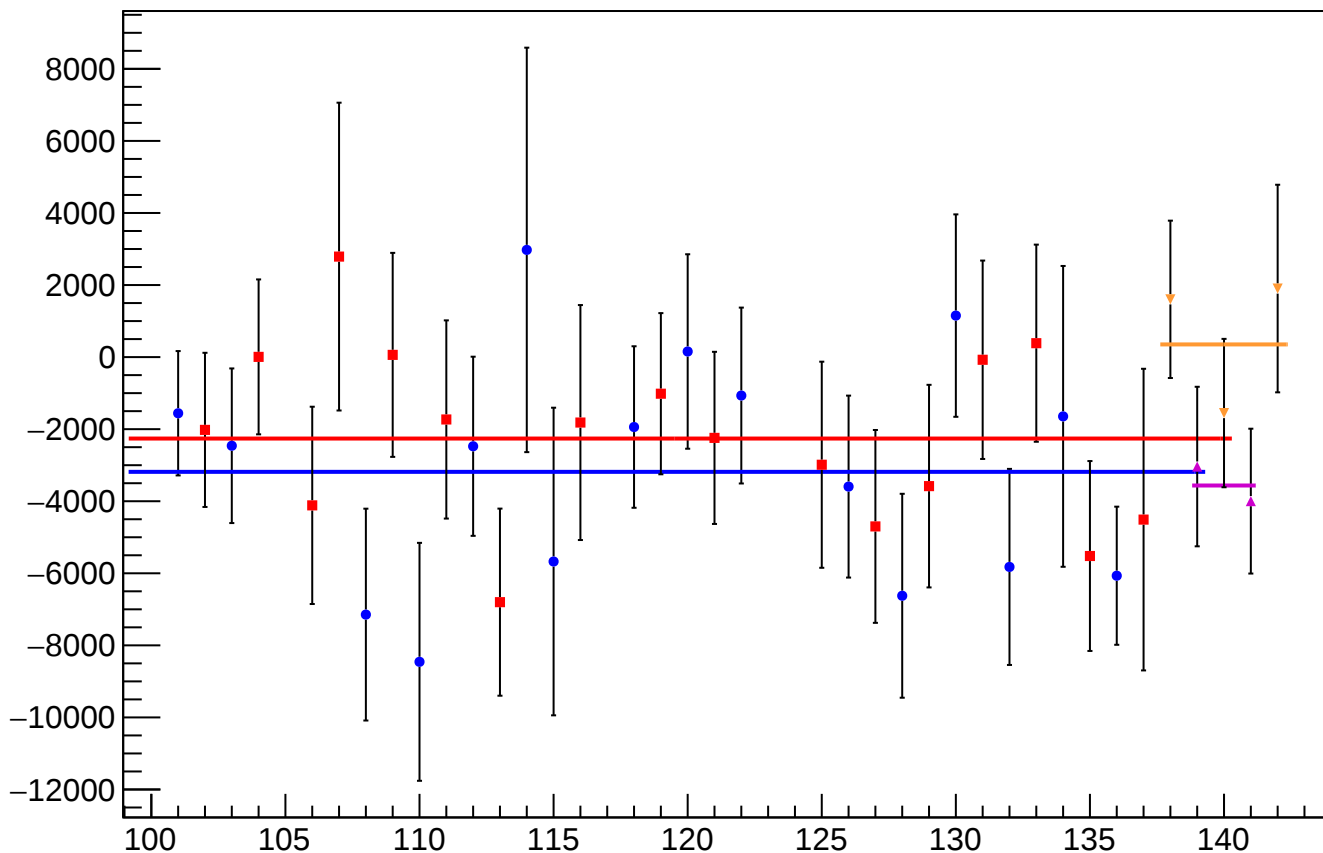
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 790.811 $\pm$ 0.194 χ^2 /NDF:16911.5/17

Out: 794.512 $\pm$ 0.188 χ^2 /NDF:12927.7/19

All: 792.714 $\pm$ 0.135 χ^2 /NDF: 30026.7/37

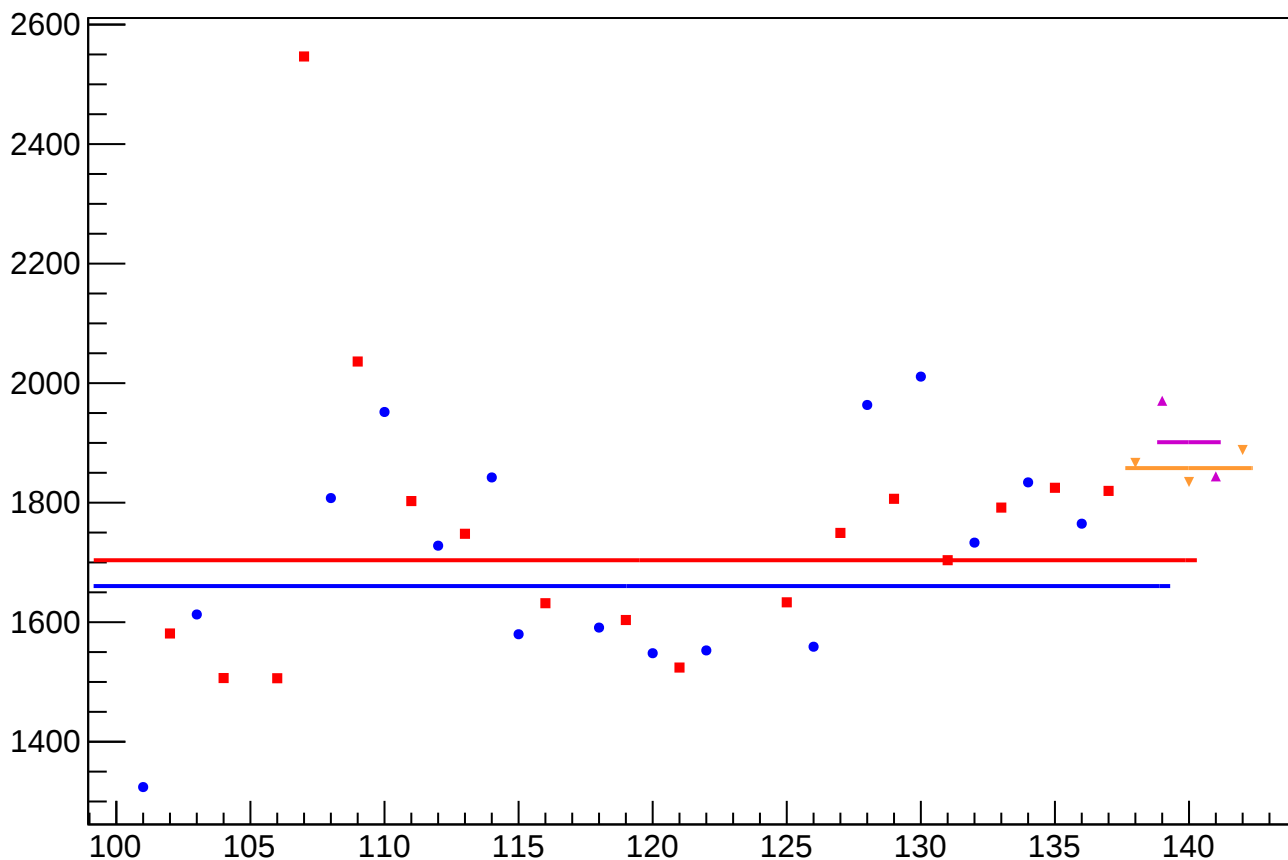
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 χ^2/NDF : 16.8/15
 Left Out: 351.904 ± 1329.118 χ^2/NDF : 1.5/2
 Right Out: -2260.241 ± 651.957 χ^2/NDF : 11.6/16
 Left In: -3563.521 ± 1488.118 χ^2/NDF : 0.1/1

Left: -1385.532 ± 991.293 χ^2/NDF : 5.4/4
 Right: -2725.651 ± 459.370 χ^2/NDF : 29.4/32
 In: -3244.832 ± 593.624 χ^2/NDF : 17.0/17
 Out: -1753.632 ± 585.331 χ^2/NDF : 16.2/19
 All: -2488.743 ± 416.793 χ^2/NDF : 36.3/37

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1857.851+/-0.940 χ^2/NDF : 507.3/2

Right Out: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

Left In: 1901.185+/-1.052 χ^2/NDF : 3580.4/1

Left: 1877.080+/-0.701 χ^2/NDF : 5031.1/4

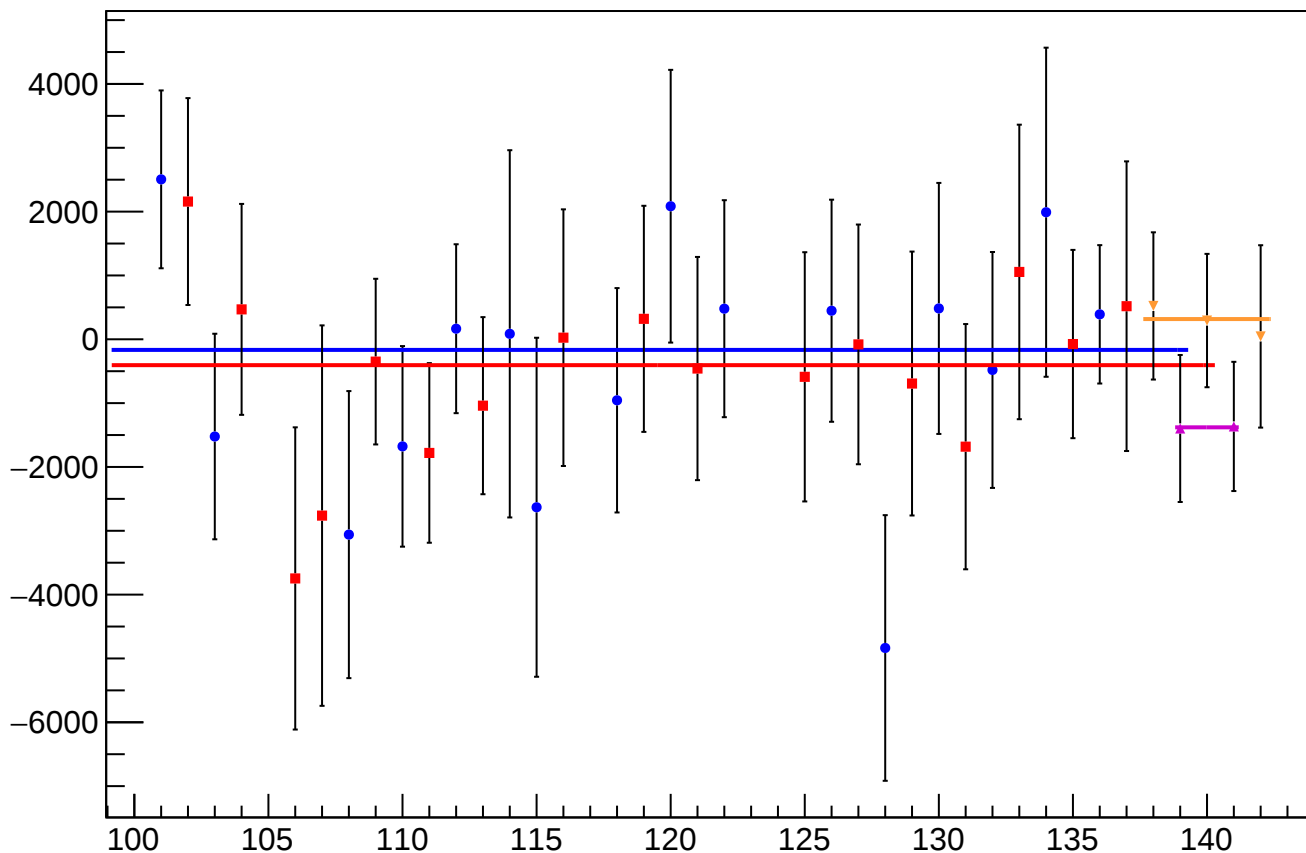
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1698.768+/-0.420 χ^2/NDF : 226793.5/17

Out: 1733.580+/-0.414 χ^2/NDF : 193223.7/19

All: 1716.419+/-0.295 χ^2/NDF : 423504.7/37

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 316.821 ± 680.646 $\chi^2/\text{NDF}: 0.1/2$

Right Out: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

Left In: -1379.308 ± 760.204 $\chi^2/\text{NDF}: 0.0/1$

Left: -437.875 ± 507.092 $\chi^2/\text{NDF}: 2.8/4$

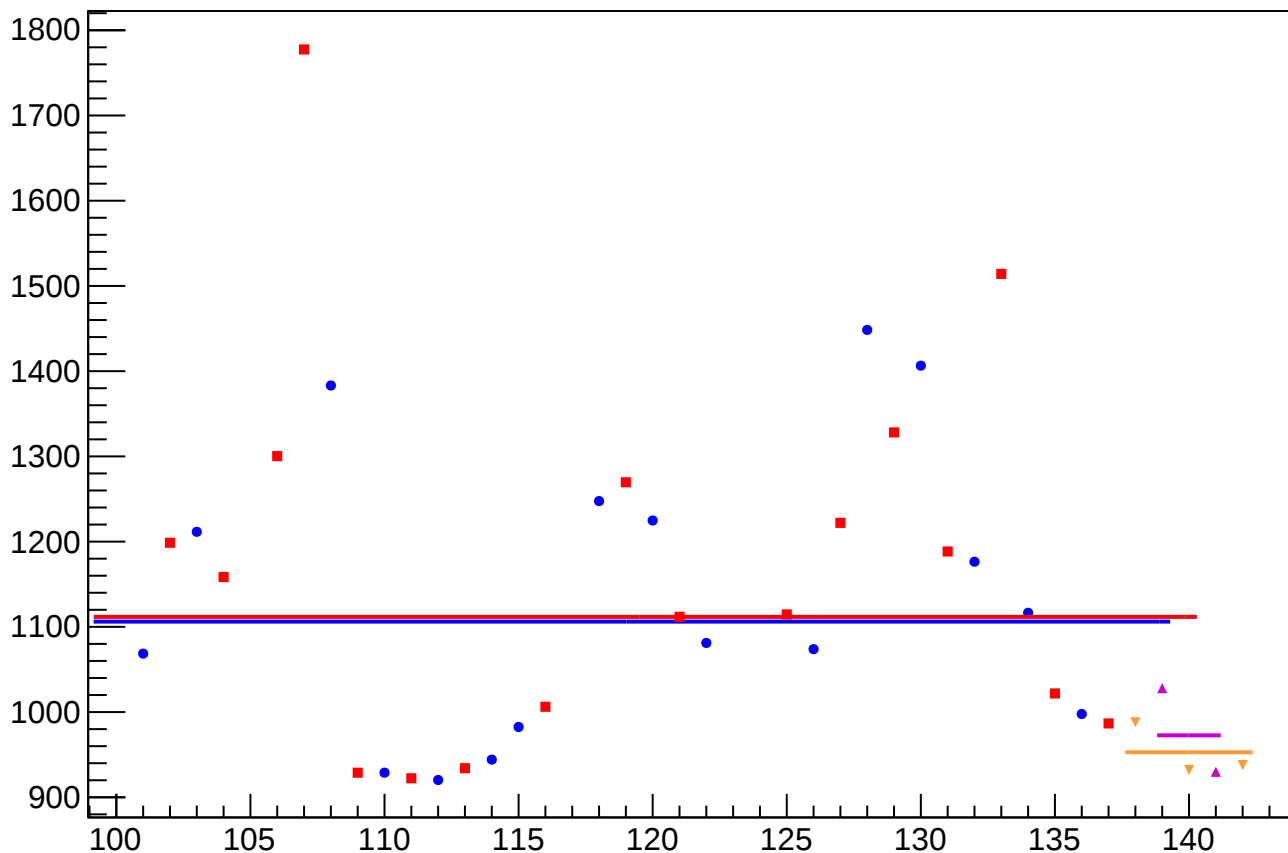
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -463.146 ± 376.038 $\chi^2/\text{NDF}: 17.5/17$

Out: -200.244 ± 362.696 $\chi^2/\text{NDF}: 8.8/19$

All: -326.948 ± 261.054 $\chi^2/\text{NDF}: 26.6/37$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 952.851+/-0.481 χ^2/NDF : 2868.7/2

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

Left: 961.677+/-0.359 χ^2/NDF : 11807.9/4

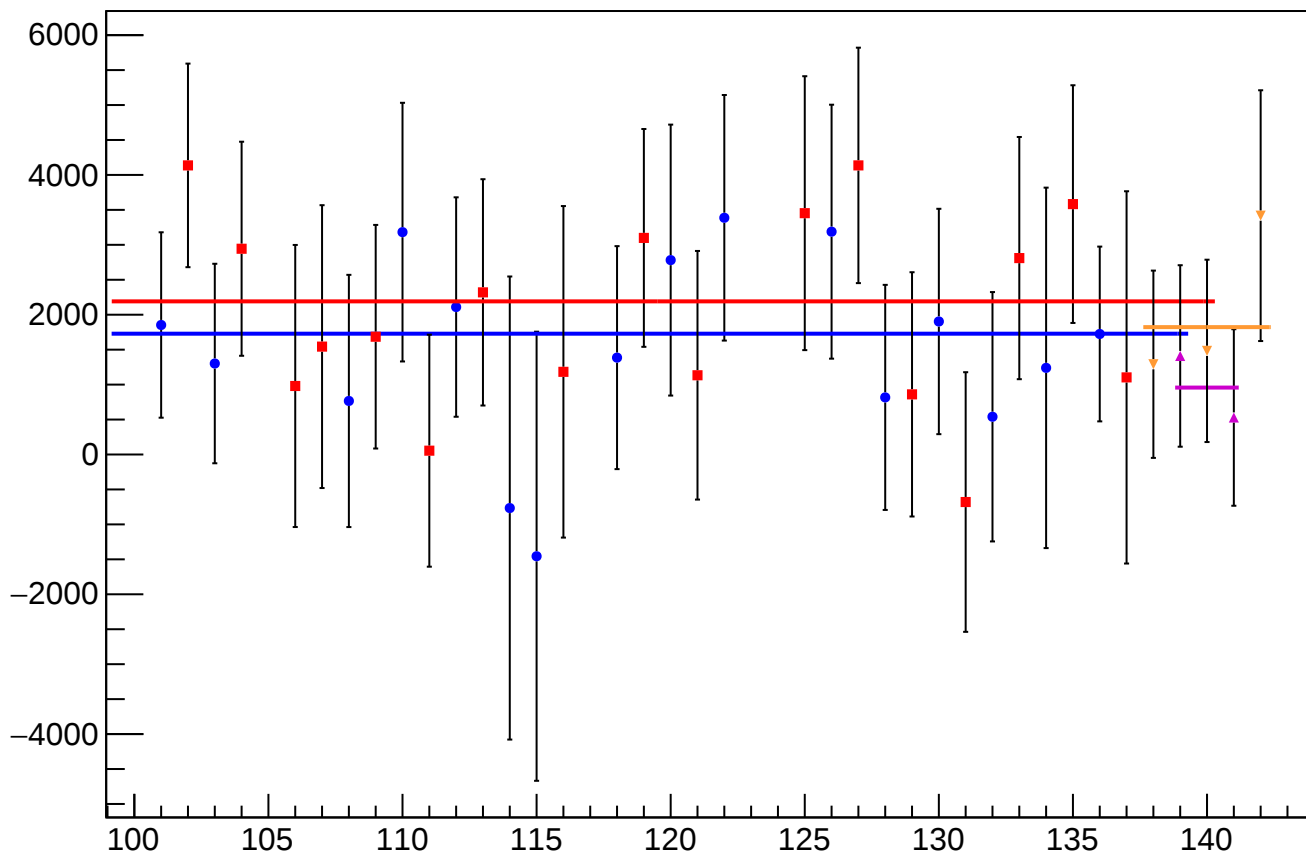
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1073.501+/-0.266 χ^2/NDF : 314668.5/17

Out: 1066.613+/-0.256 χ^2/NDF : 437283.6/19

All: 1069.933+/-0.185 χ^2/NDF : 752299.6/37

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2/NDF : 5.3/15

Left Out: 1822.350 $\pm$ 828.898 χ^2/NDF : 1.0/2

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 957.441 $\pm$ 905.250 χ^2/NDF : 0.2/1

Left: 1427.903 $\pm$ 611.333 χ^2/NDF : 1.7/4

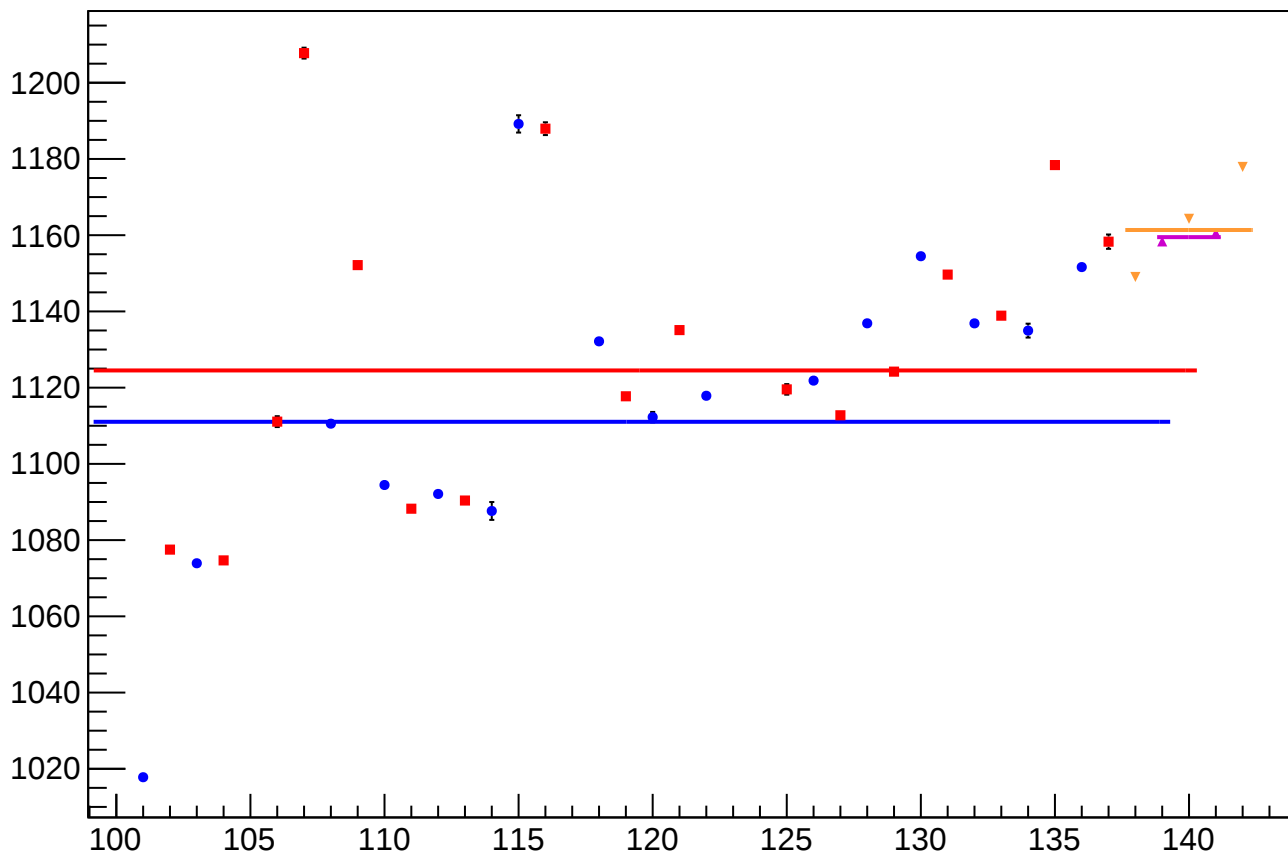
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1586.629 $\pm$ 388.263 χ^2/NDF : 6.1/17

Out: 2113.601 $\pm$ 379.749 χ^2/NDF : 12.0/19

All: 1855.956 $\pm$ 271.483 χ^2/NDF : 19.0/37

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1161.364 $\pm$ 0.586 χ^2 /NDF: 349.5/2

Right Out: 1124.514 $\pm$ 0.302 χ^2 /NDF: 14600.7/16

Left In: 1159.491 $\pm$ 0.640 χ^2 /NDF: 2.9/1

Left: 1160.510 $\pm$ 0.432 χ^2 /NDF: 357.1/4

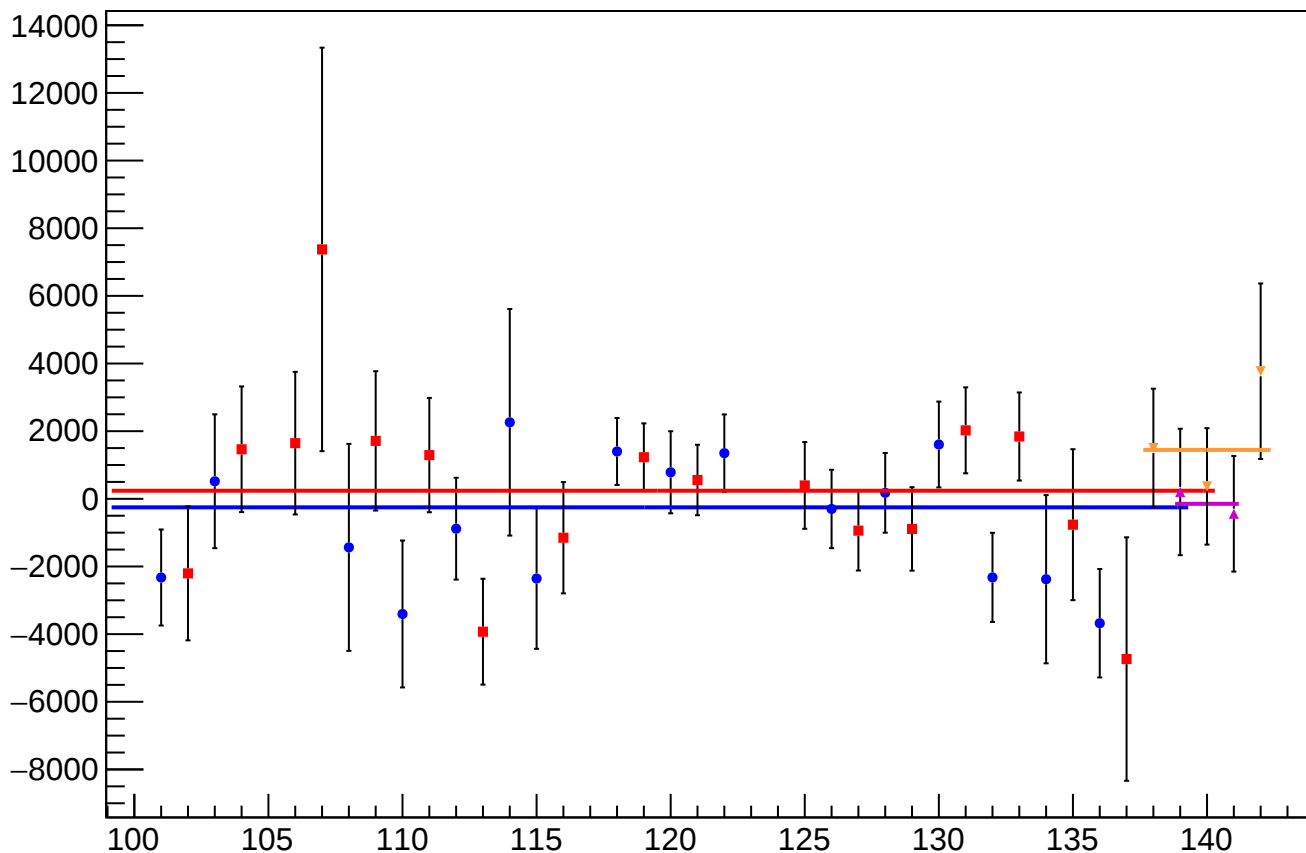
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1119.955 $\pm$ 0.275 χ^2 /NDF: 22768.8/17

Out: 1132.249 $\pm$ 0.269 χ^2 /NDF: 18073.3/19

All: 1126.238 $\pm$ 0.192 χ^2 /NDF: 41866.9/37

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: 1446.146+/-1110.034 χ^2/NDF : 1.2/2

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: -147.912+/-1261.475 χ^2/NDF : 0.1/1

Left: 750.497+/-833.339 χ^2/NDF : 2.2/4

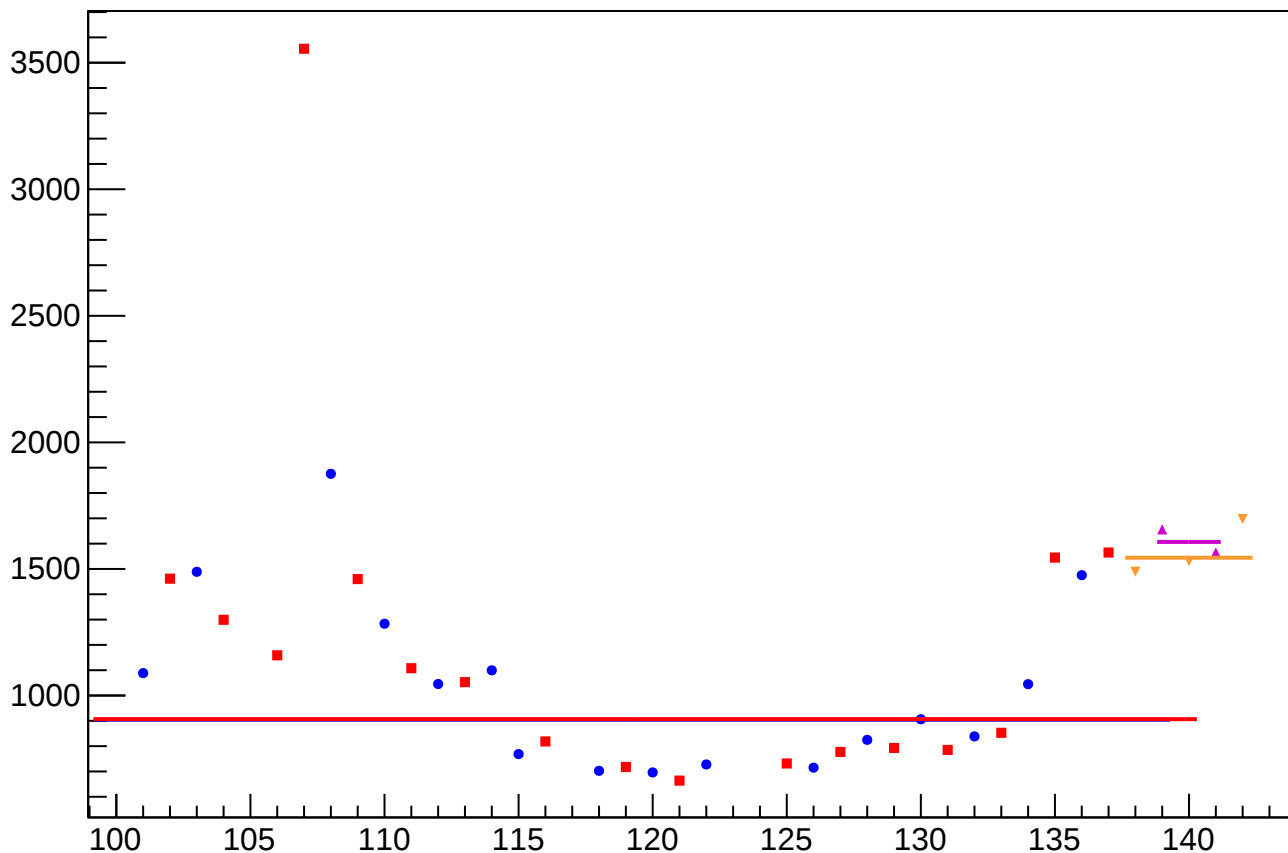
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -243.340+/-350.574 χ^2/NDF : 21.9/17

Out: 356.889+/-345.743 χ^2/NDF : 23.3/19

All: 60.939+/-246.167 χ^2/NDF : 46.7/37

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1544.442+/-0.785 χ^2/NDF : 9074.4/2

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1606.770+/-0.892 χ^2/NDF : 2578.0/1

Left: 1571.642+/-0.589 χ^2/NDF : 14404.2/4

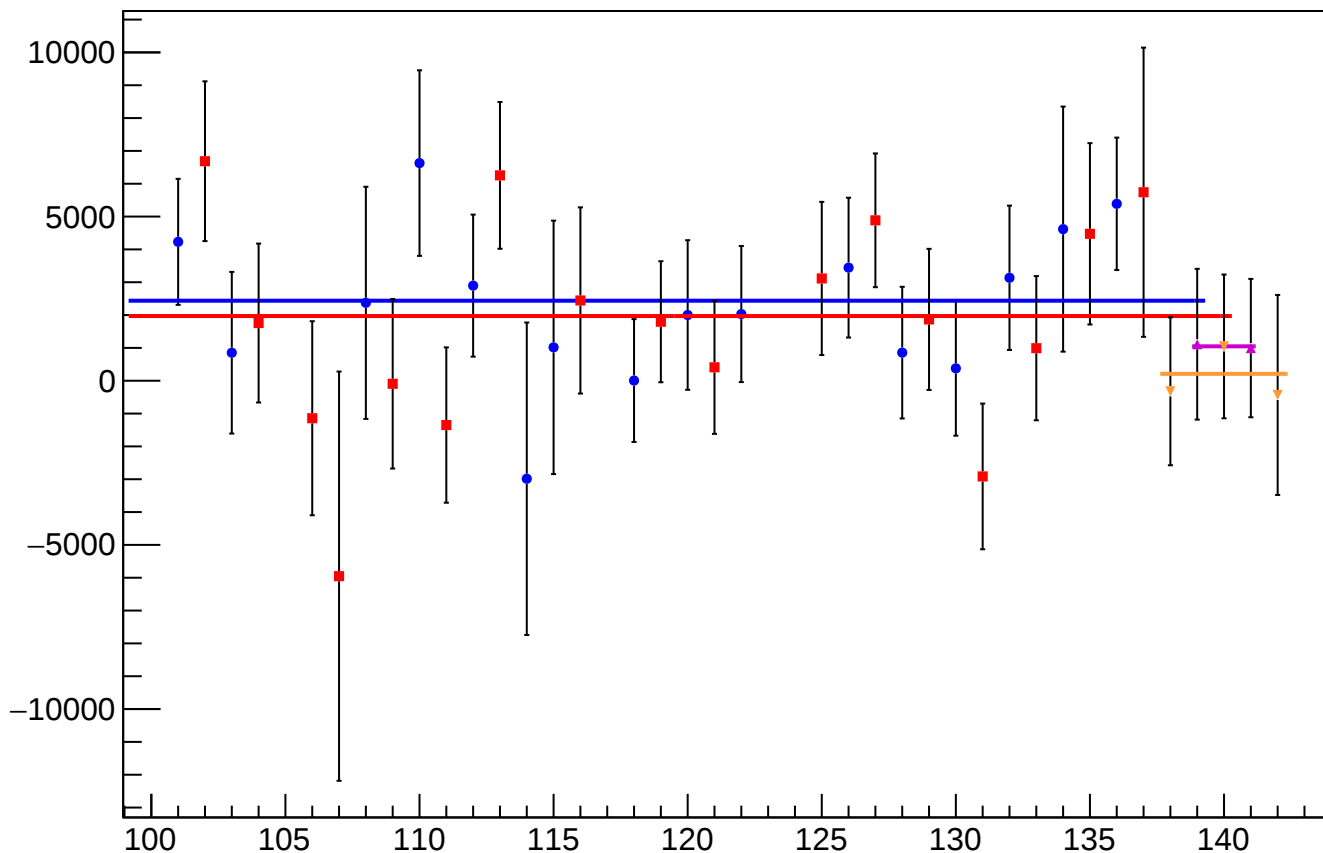
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 958.728+/-0.248 χ^2/NDF : 1595661.5/17

Out: 968.474+/-0.244 χ^2/NDF : 1981461.3/19

All: 963.669+/-0.174 χ^2/NDF : 3577906.5/37

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 210.492+/-1395.362 χ^2/NDF : 0.2/2

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1047.914+/-1552.673 χ^2/NDF : 0.0/1

Left: 584.644+/-1037.843 χ^2/NDF : 0.4/4

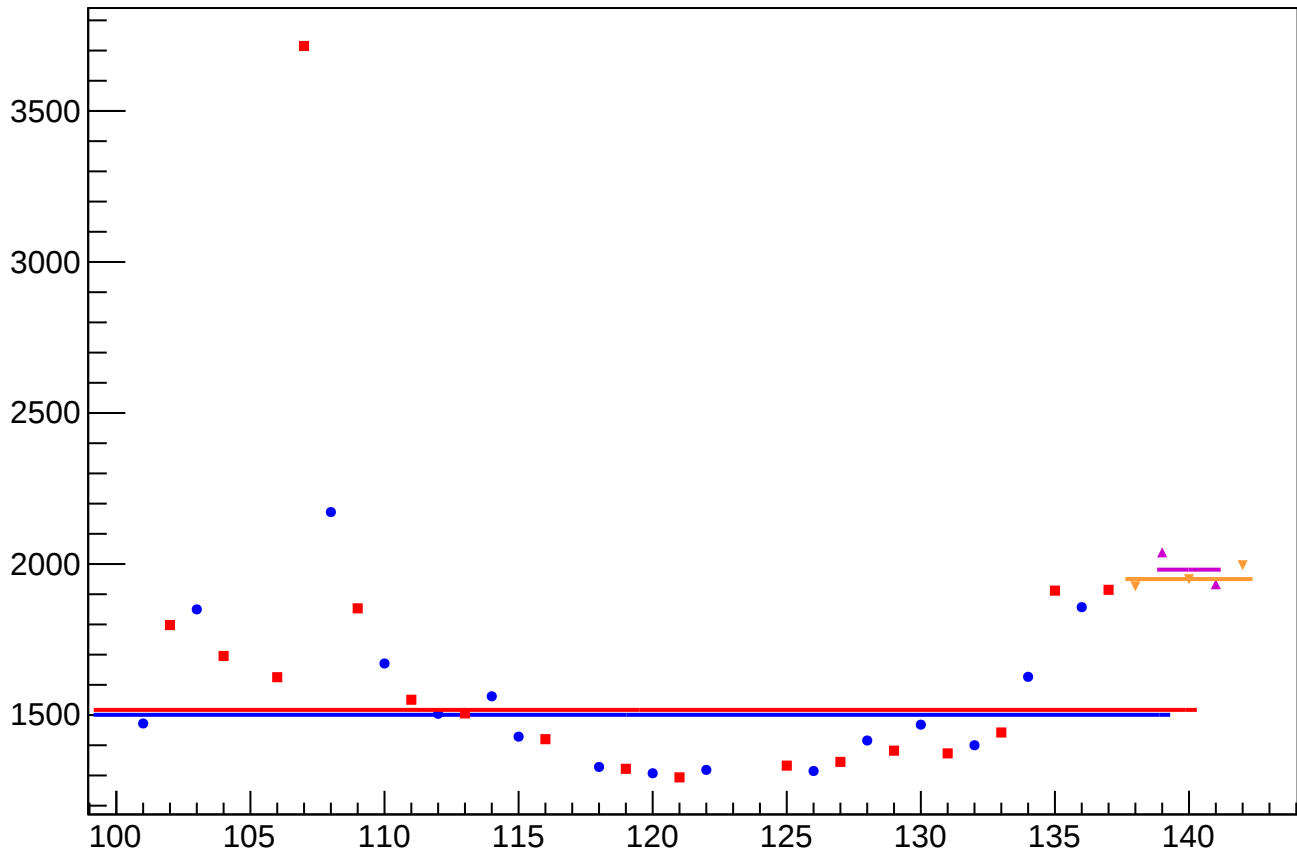
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2264.133+/-548.442 χ^2/NDF : 11.9/17

Out: 1706.073+/-540.809 χ^2/NDF : 23.9/19

All: 1981.193+/-385.080 χ^2/NDF : 36.3/37

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1950.273+/-0.987 χ^2/NDF : 678.9/2

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1981.406+/-1.098 χ^2/NDF : 2294.5/1

Left: 1964.183+/-0.734 χ^2/NDF : 3418.3/4

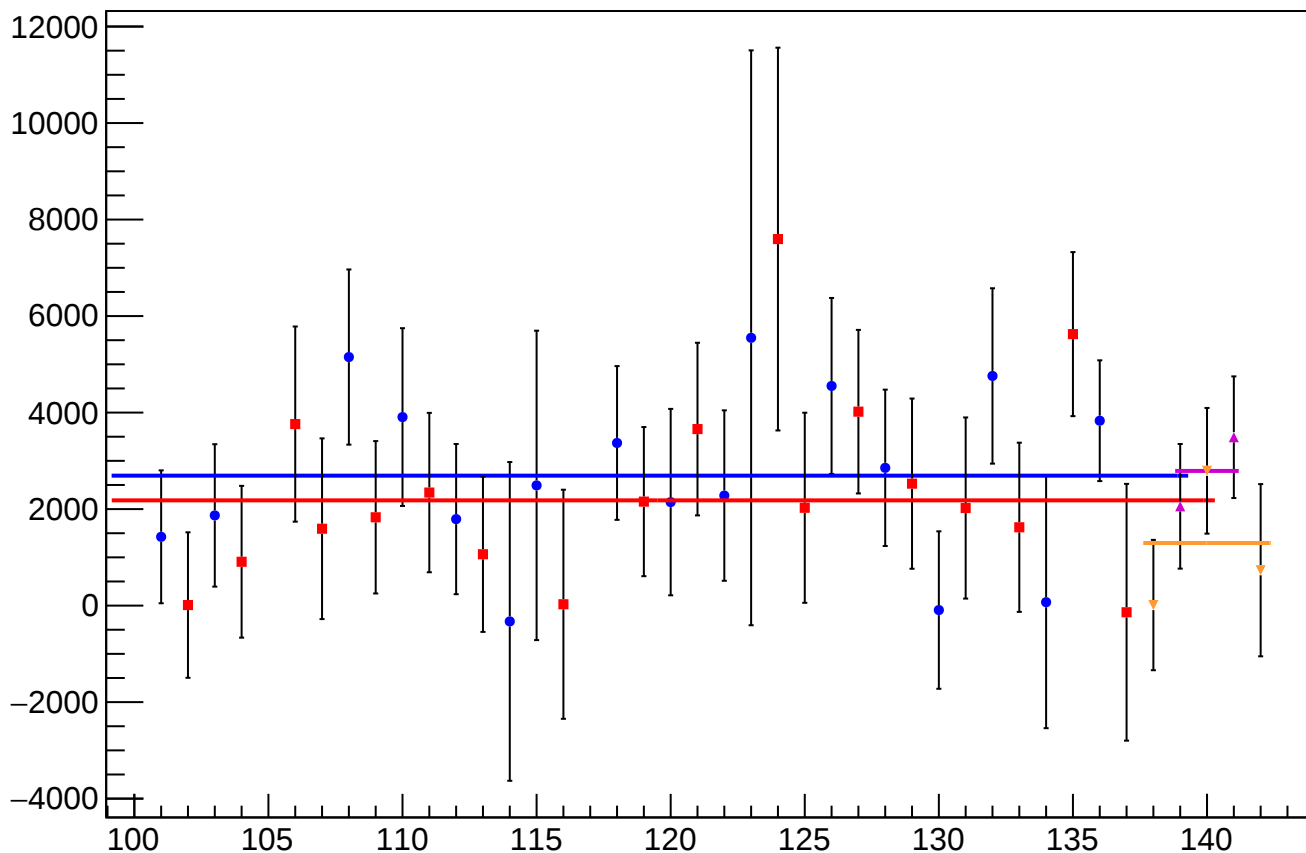
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1560.790+/-0.388 χ^2/NDF : 426216.7/17

Out: 1582.186+/-0.382 χ^2/NDF : 639500.6/19

All: 1571.638+/-0.272 χ^2/NDF : 1067260.6/37

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2 /NDF: 12.2/16

Left Out: 1297.577 $\pm$ 829.854 χ^2 /NDF: 2.3/2

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2791.141 $\pm$ 902.075 χ^2 /NDF: 0.6/1

Left: 1982.185 $\pm$ 610.734 χ^2 /NDF: 4.4/4

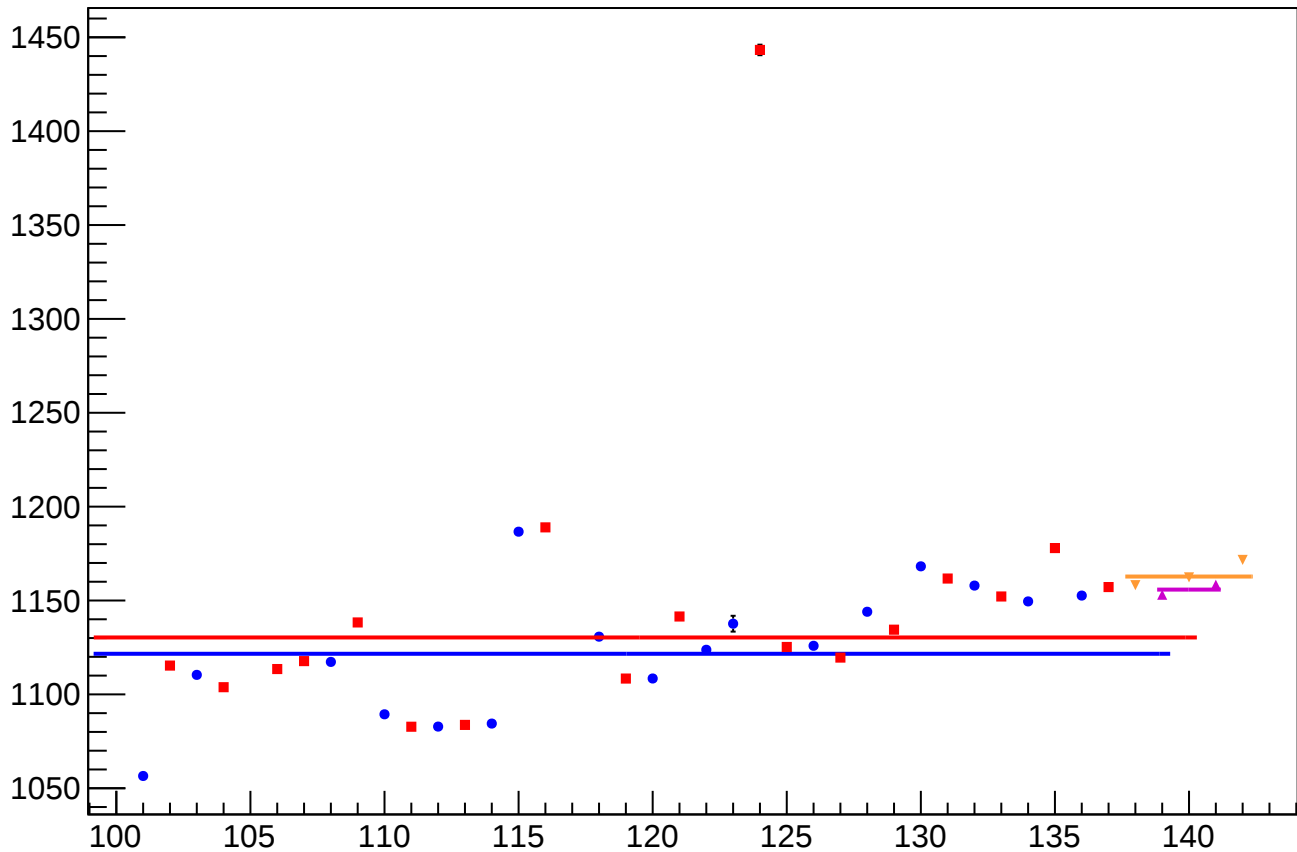
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2711.349 $\pm$ 390.077 χ^2 /NDF: 12.9/18

Out: 1997.113 $\pm$ 378.595 χ^2 /NDF: 16.8/20

All: 2343.564 $\pm$ 271.676 χ^2 /NDF: 31.4/39

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626+/-0.306 χ^2/NDF : 11980.2/16

Left Out: 1162.769+/-0.587 χ^2/NDF : 72.7/2

Right Out: 1130.316+/-0.301 χ^2/NDF : 21276.1/17

Left In: 1155.811+/-0.638 χ^2/NDF : 17.4/1

Left: 1159.580+/-0.432 χ^2/NDF : 154.6/4

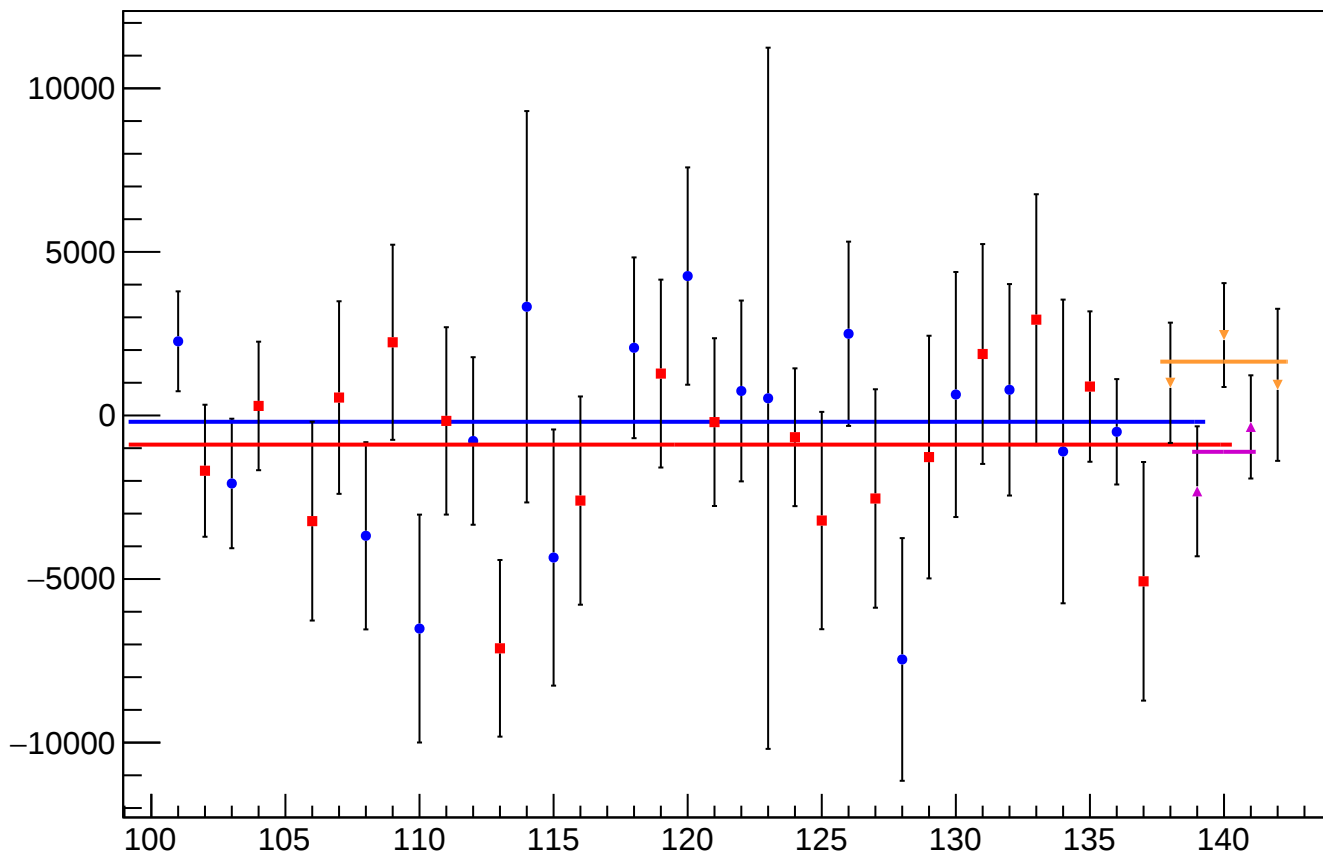
Right: 1126.044+/-0.214 χ^2/NDF : 33666.6/34

In: 1128.019+/-0.276 χ^2/NDF : 14332.8/18

Out: 1137.071+/-0.268 χ^2/NDF : 23770.8/20

All: 1132.680+/-0.192 χ^2/NDF : 38658.2/39

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 1645.429+/-1067.388 χ^2/NDF : 0.5/2

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: -1110.993+/-1235.336 χ^2/NDF : 0.6/1

Left: 467.193+/-807.660 χ^2/NDF : 3.9/4

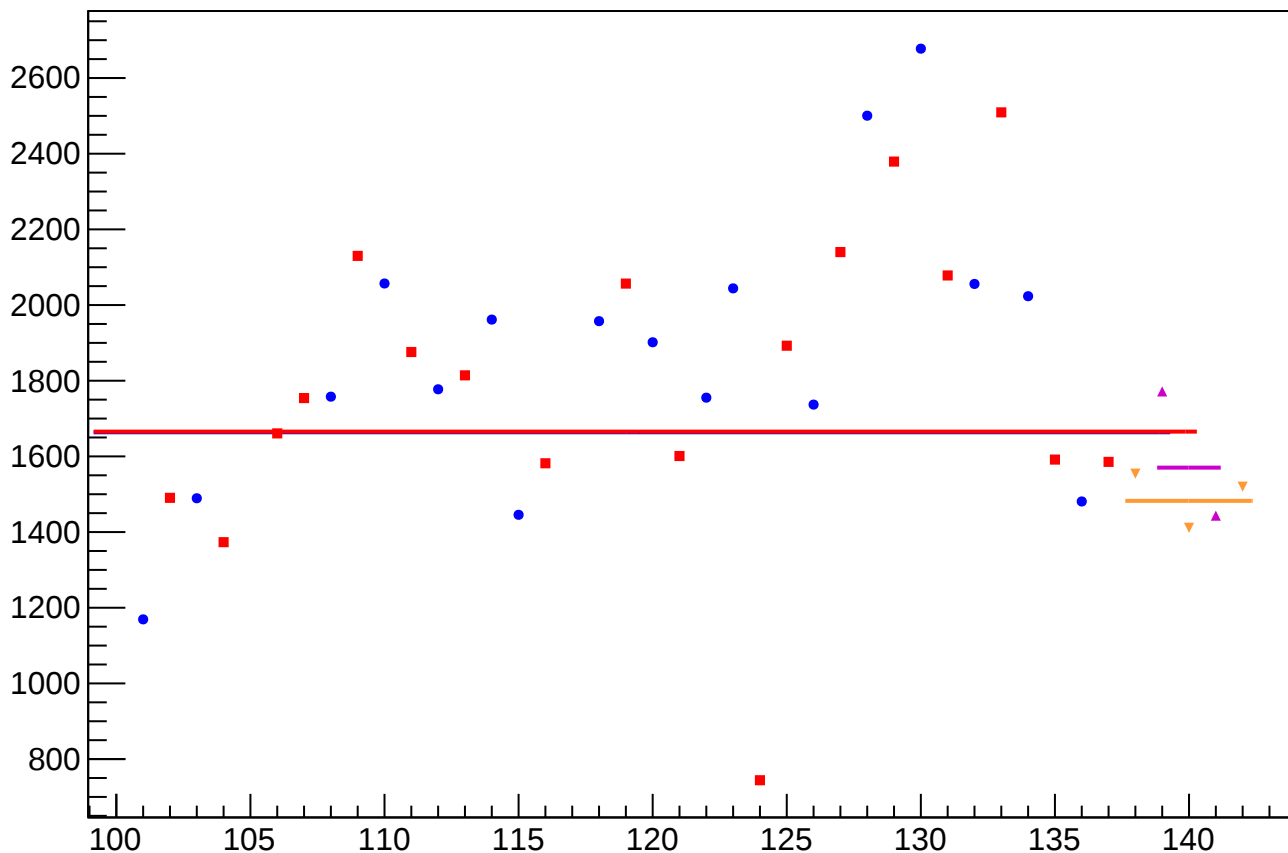
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -397.278+/-582.373 χ^2/NDF : 18.4/18

Out: -205.808+/-554.792 χ^2/NDF : 17.7/20

All: -296.902+/-401.694 χ^2/NDF : 36.1/39

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2/NDF : 622477.6/16

Left Out: 1482.494 $\pm$ 0.755 χ^2/NDF : 7598.5/2

Right Out: 1665.466 $\pm$ 0.459 χ^2/NDF : 802791.6/17

Left In: 1570.307 $\pm$ 0.874 χ^2/NDF : 33508.9/1

Left: 1520.030 $\pm$ 0.571 χ^2/NDF : 46893.7/4

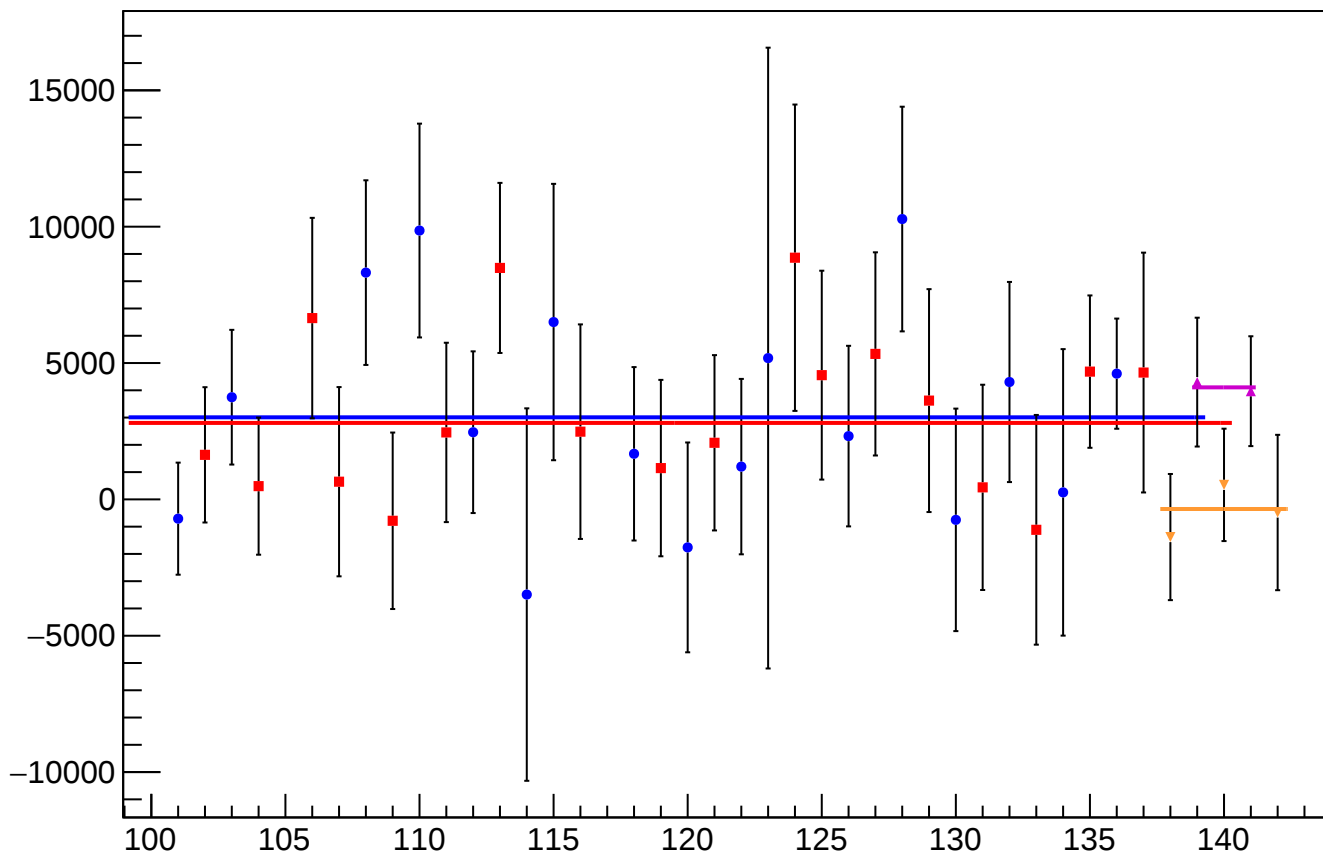
Right: 1664.637 $\pm$ 0.327 χ^2/NDF : 1425275.8/34

In: 1643.005 $\pm$ 0.412 χ^2/NDF : 664892.2/18

Out: 1616.035 $\pm$ 0.392 χ^2/NDF : 853283.3/20

All: 1628.866 $\pm$ 0.284 χ^2/NDF : 1520424.2/39

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: -352.551+/-1353.796 χ^2/NDF : 0.4/2

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 4107.605+/-1532.570 χ^2/NDF : 0.0/1

Left: 1602.332+/-1014.625 χ^2/NDF : 5.2/4

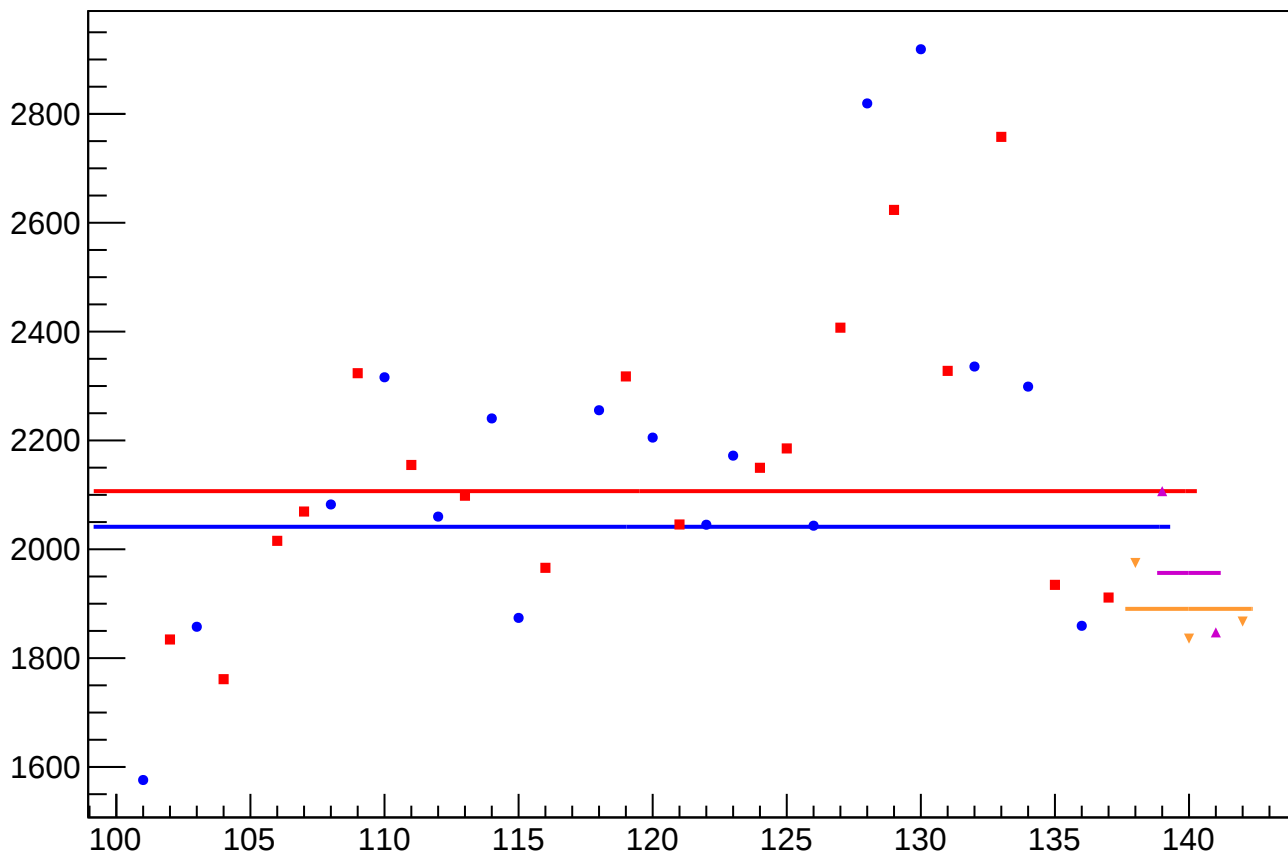
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 3244.236+/-708.946 χ^2/NDF : 17.8/18

Out: 1987.623+/-688.473 χ^2/NDF : 15.6/20

All: 2597.522+/-493.903 χ^2/NDF : 35.0/39

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2/NDF : 338436.8/16

Left Out: 1890.538 $\pm$ 0.957 χ^2/NDF : 4198.0/2

Right Out: 2106.845 $\pm$ 0.565 χ^2/NDF : 196720.6/17

Left In: 1956.558 $\pm$ 1.084 χ^2/NDF : 13977.9/1

Left: 1919.474 $\pm$ 0.717 χ^2/NDF : 20260.6/4

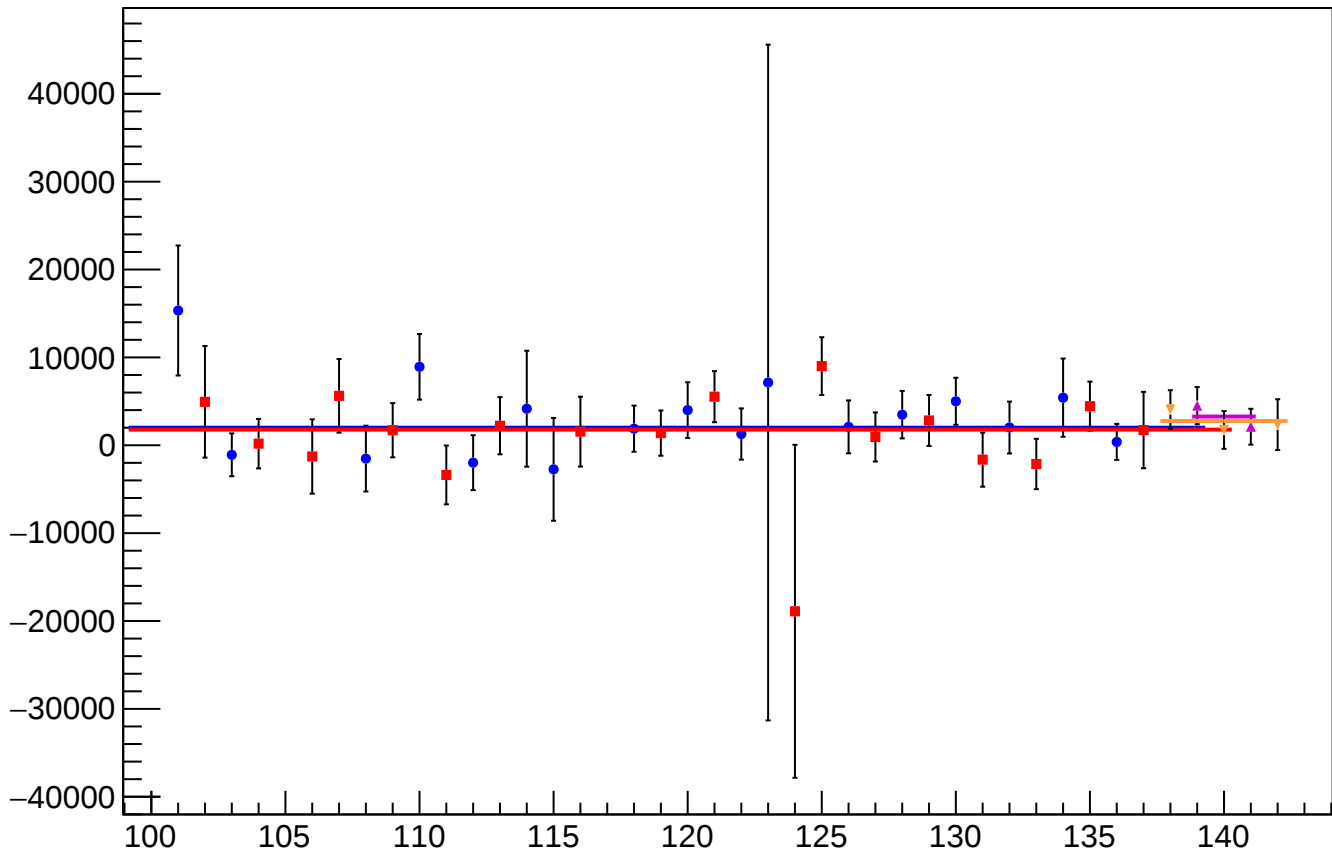
Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

In: 2023.204 $\pm$ 0.501 χ^2/NDF : 357226.6/18

Out: 2050.903 $\pm$ 0.487 χ^2/NDF : 238771.9/20

All: 2037.459 $\pm$ 0.349 χ^2/NDF : 597569.6/39

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2767.129+/-1355.203 χ^2/NDF : 0.6/2

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 3268.661+/-1468.956 χ^2/NDF : 0.7/1

Left: 2997.727+/-996.063 χ^2/NDF : 1.3/4

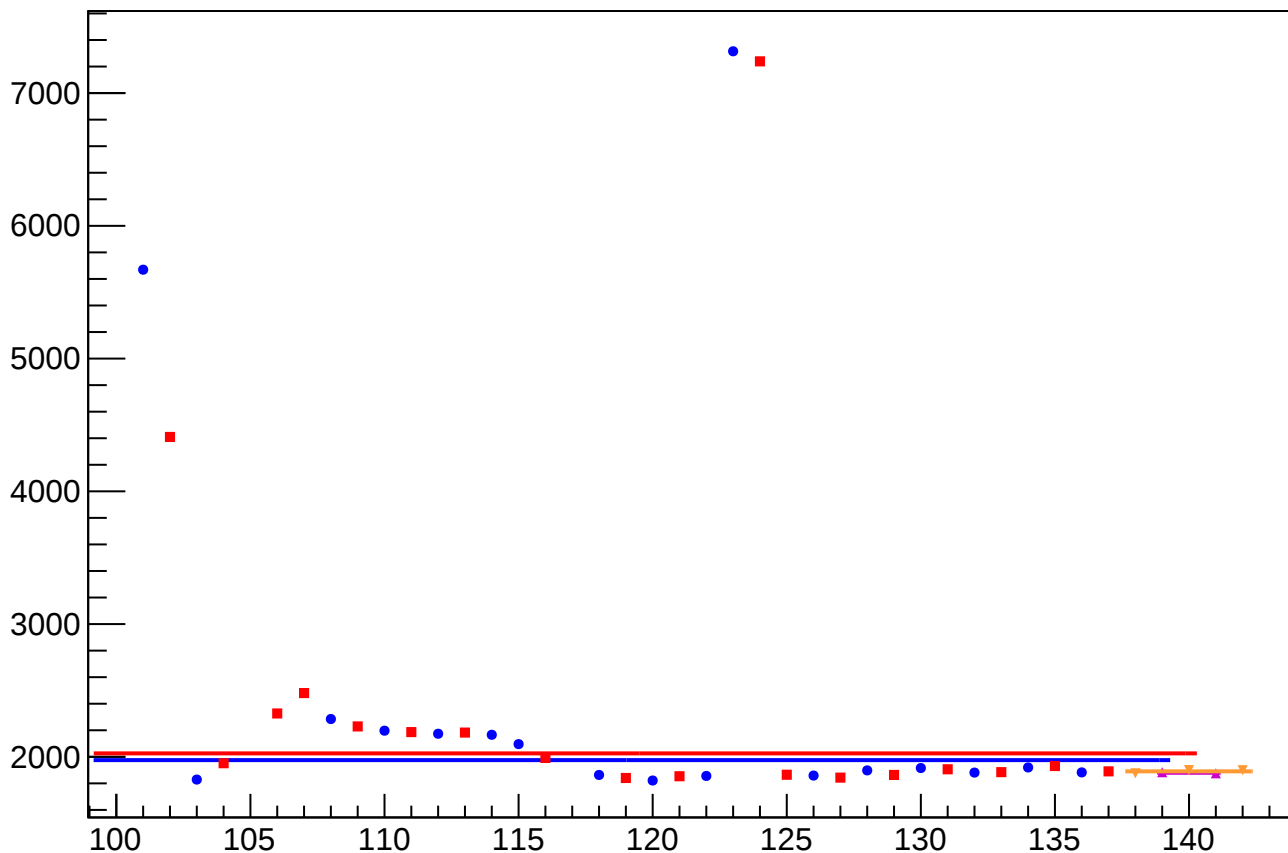
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2279.848+/-690.014 χ^2/NDF : 16.1/18

Out: 2027.870+/-677.218 χ^2/NDF : 17.3/20

All: 2151.501+/-483.326 χ^2/NDF : 33.4/39

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1890.593+/-0.958 χ^2/NDF :145.4/2

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1879.768+/-1.039 χ^2/NDF :15.4/1

Left: 1885.616+/-0.704 χ^2/NDF : 219.4/4

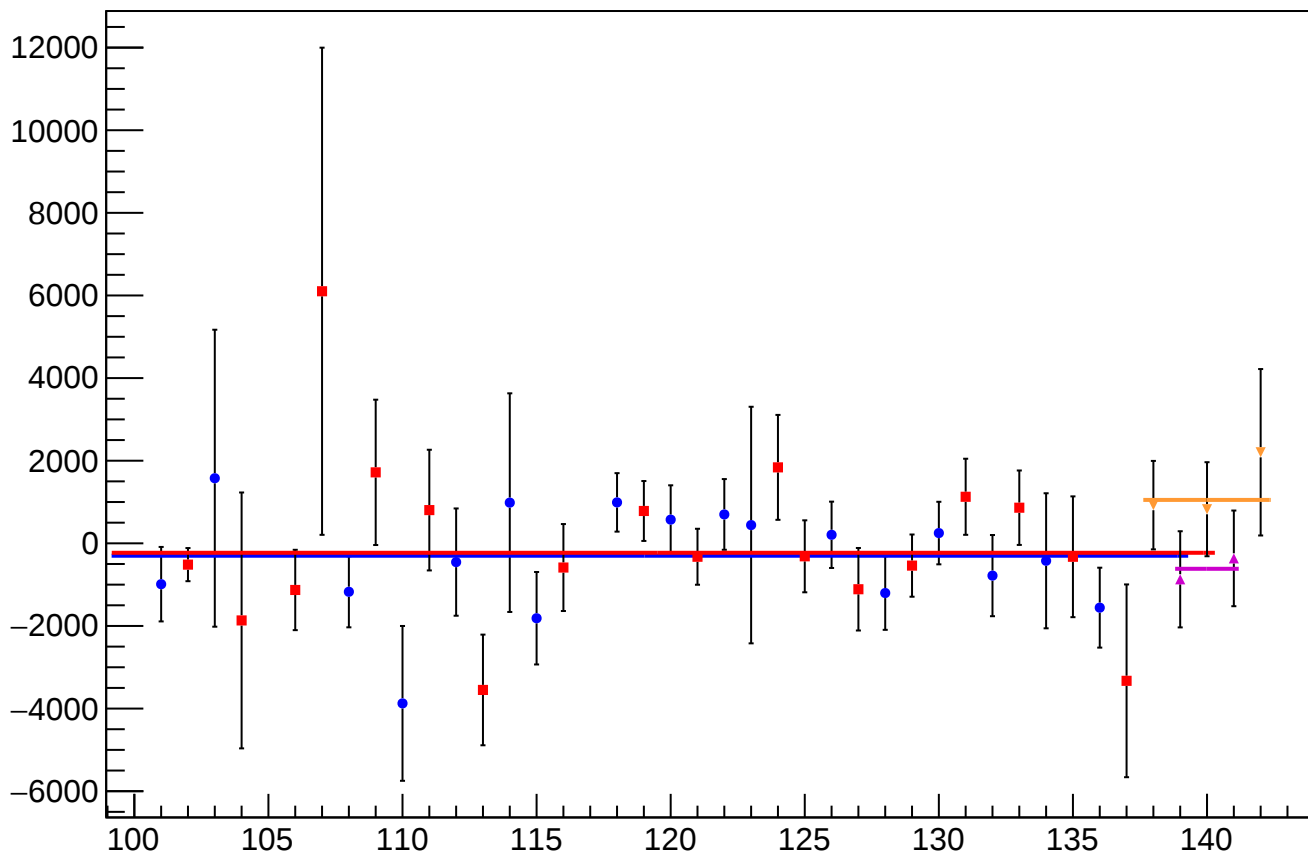
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1954.072+/-0.488 χ^2/NDF :606413.0/18

Out: 1992.090+/-0.479 χ^2/NDF :550482.4/20

All: 1973.437+/-0.342 χ^2/NDF : 1159987.9/39

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 χ^2/NDF : 17.3/16

Left Out: 1051.012 ± 727.279 χ^2/NDF : 0.4/2

Right Out: -228.794 ± 215.624 χ^2/NDF : 21.8/17

Left In: -616.348 ± 820.870 χ^2/NDF : 0.1/1

Left: 317.763 ± 544.359 χ^2/NDF : 2.8/4

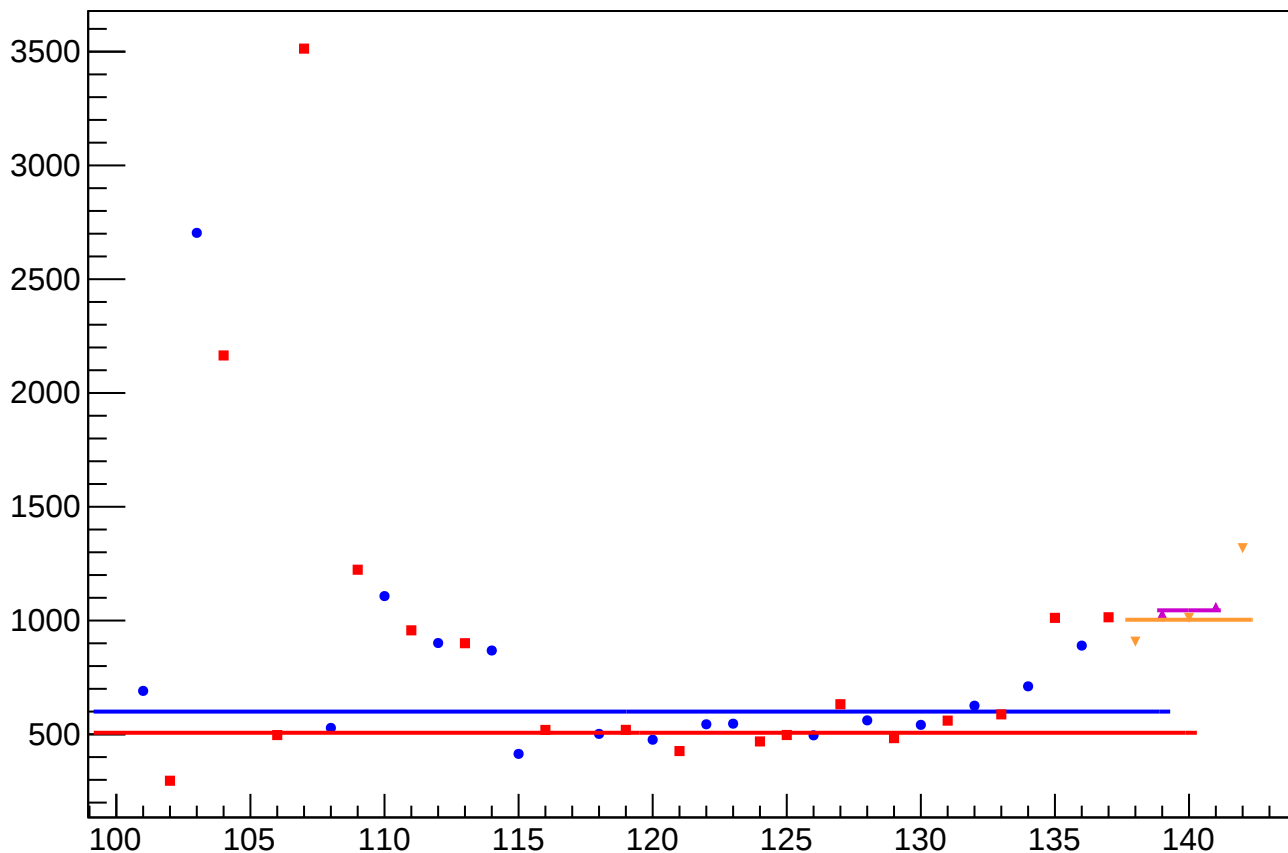
Right: -259.640 ± 162.327 χ^2/NDF : 39.2/34

In: -326.180 ± 236.186 χ^2/NDF : 17.6/18

Out: -125.387 ± 206.730 χ^2/NDF : 25.0/20

All: -212.488 ± 155.558 χ^2/NDF : 43.0/39

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 1003.516 $\pm$ 0.514 χ^2 /NDF:65015.0/2

Right Out: 506.876 $\pm$ 0.152 χ^2 /NDF: 2760863.3/17

Left In: 1044.949 $\pm$ 0.580 χ^2 /NDF:682.9/1

Left: 1021.737 $\pm$ 0.385 χ^2 /NDF: 68552.5/4

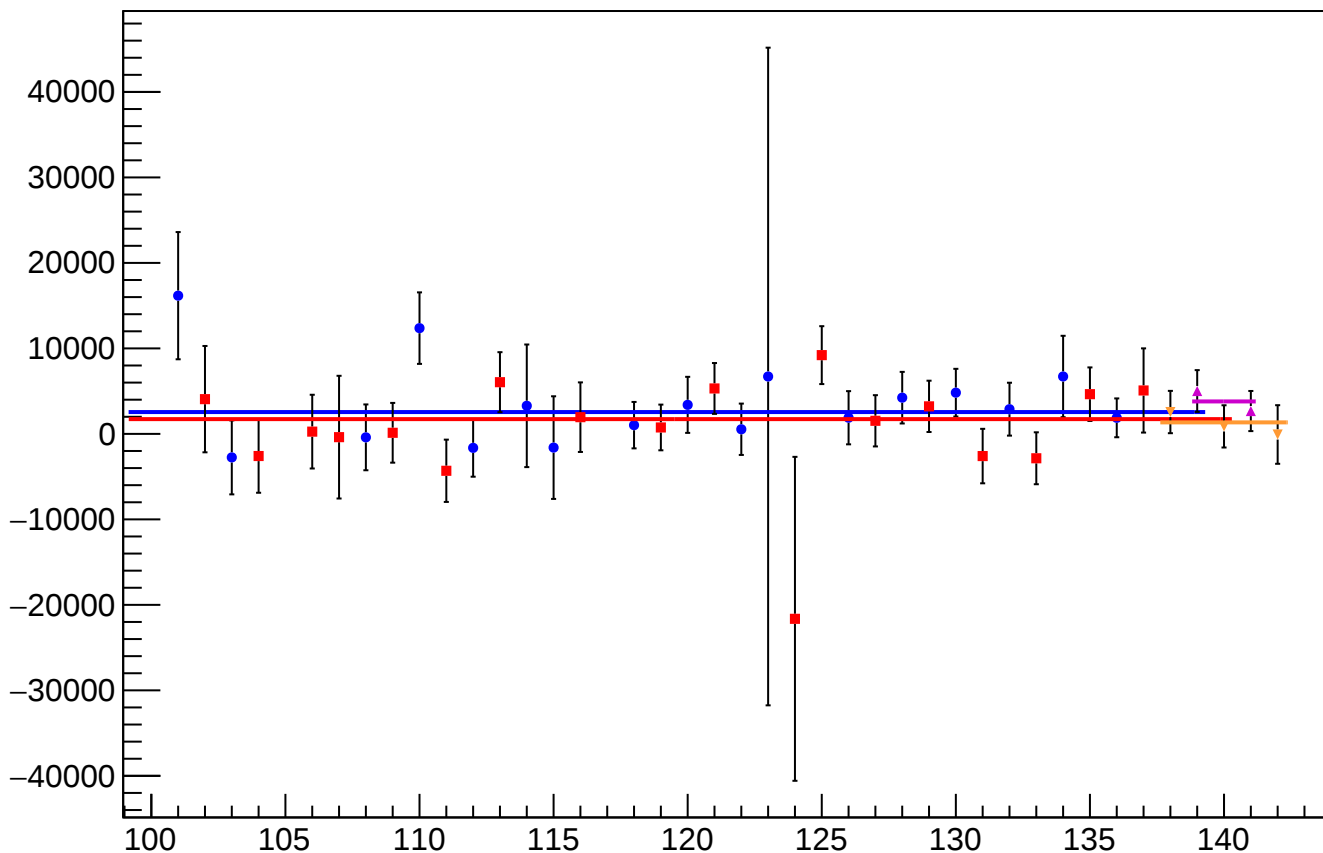
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 636.793 $\pm$ 0.167 χ^2 /NDF:1920823.9/18

Out: 547.003 $\pm$ 0.146 χ^2 /NDF:3683157.3/20

All: 585.953 $\pm$ 0.110 χ^2 /NDF: 5767645.3/39

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1345.650 $\pm$ 1557.539 χ^2 /NDF:0.4/2

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

Left In: 3795.944 $\pm$ 1692.977 χ^2 /NDF:0.5/1

Left: 2468.878 $\pm$ 1146.241 χ^2 /NDF: 2.1/4

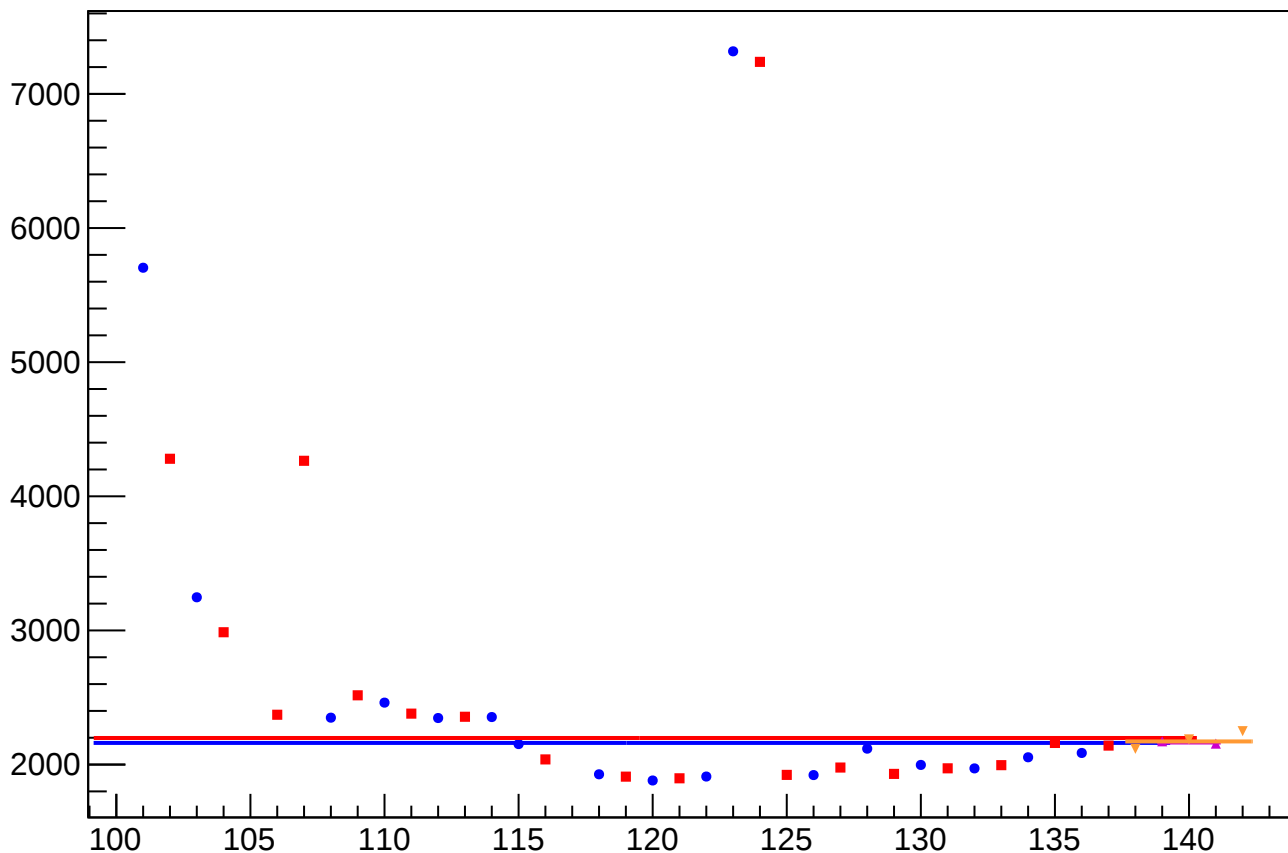
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2807.906 $\pm$ 765.968 χ^2 /NDF:16.6/18

Out: 1638.725 $\pm$ 749.608 χ^2 /NDF:20.0/20

All: 2210.696 $\pm$ 535.743 χ^2 /NDF: 37.8/39

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2172.493+/-1.101 χ^2/NDF :2061.7/2

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2164.424+/-1.197 χ^2/NDF :52.7/1

Left: 2168.794+/-0.811 χ^2/NDF : 2139.0/4

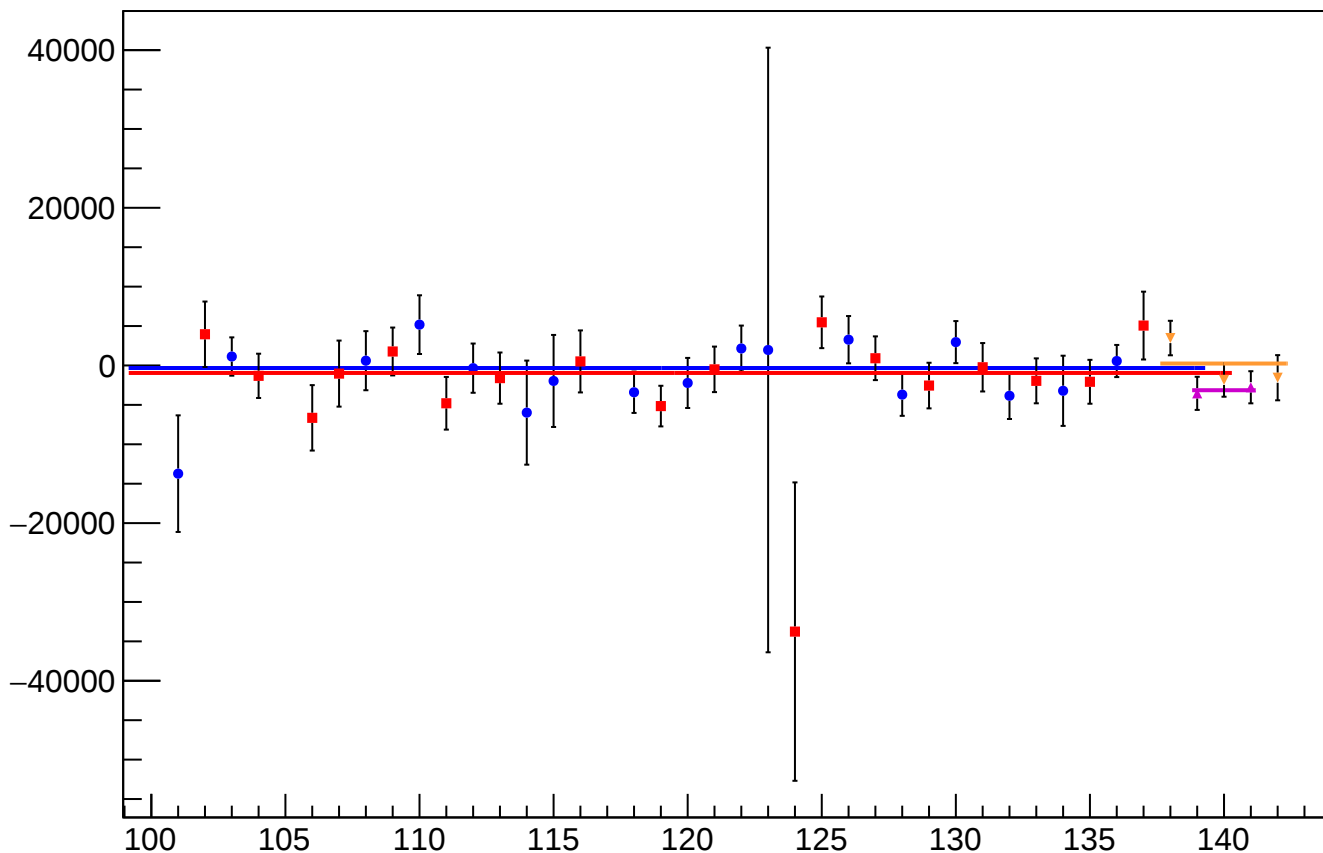
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2162.034+/-0.542 χ^2/NDF :711311.0/18

Out: 2192.236+/-0.530 χ^2/NDF :736353.4/20

All: 2177.461+/-0.379 χ^2/NDF : 1449252.7/39

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: 243.613+/-1347.646 χ^2/NDF : 3.5/2

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -3140.834+/-1462.694 χ^2/NDF : 0.1/1

Left: -1310.291+/-991.110 χ^2/NDF : 6.5/4

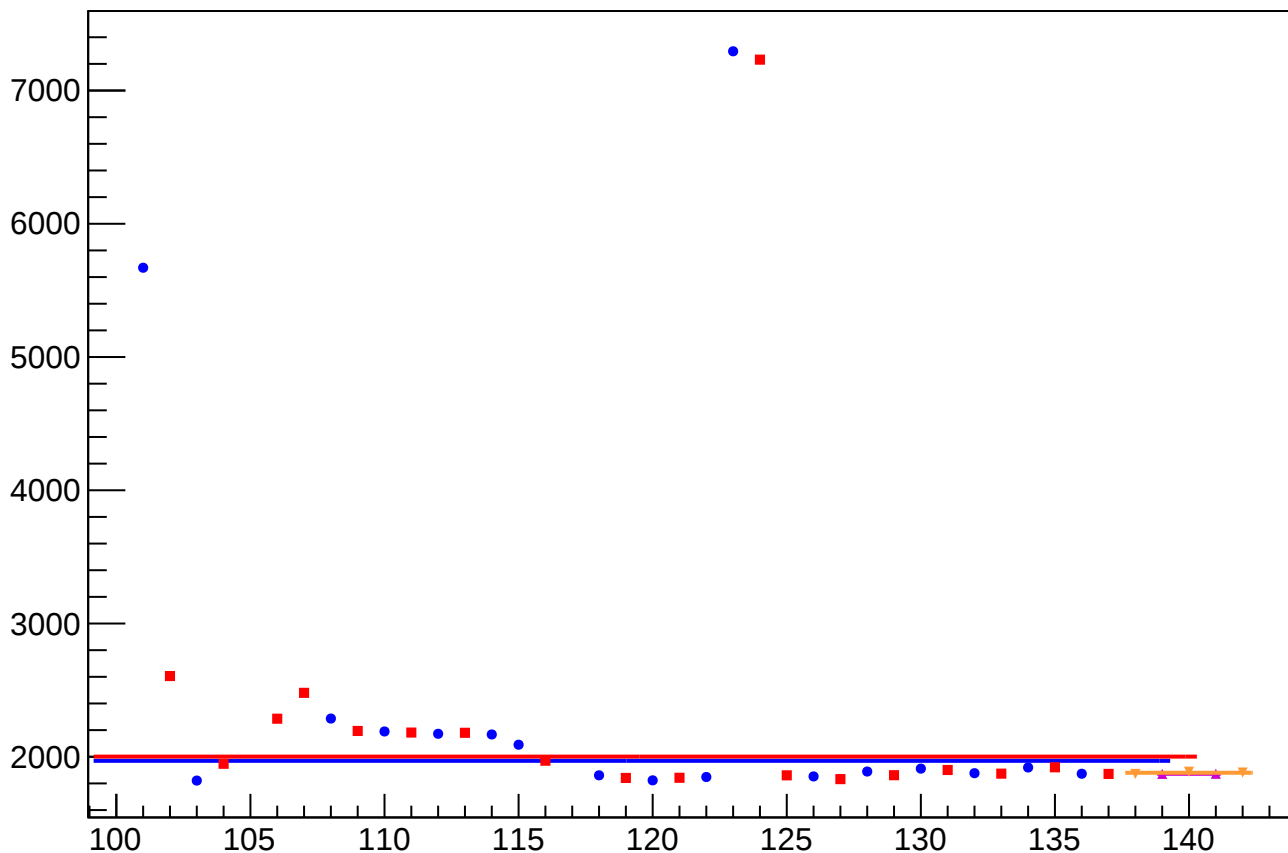
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -946.853+/-687.918 χ^2/NDF : 18.7/18

Out: -657.054+/-668.751 χ^2/NDF : 22.3/20

All: -797.860+/-479.511 χ^2/NDF : 41.1/39

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1880.057+/-0.953 χ^2/NDF : 61.0/2

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1872.044+/-1.034 χ^2/NDF : 0.2/1

Left: 1876.378+/-0.701 χ^2/NDF : 93.7/4

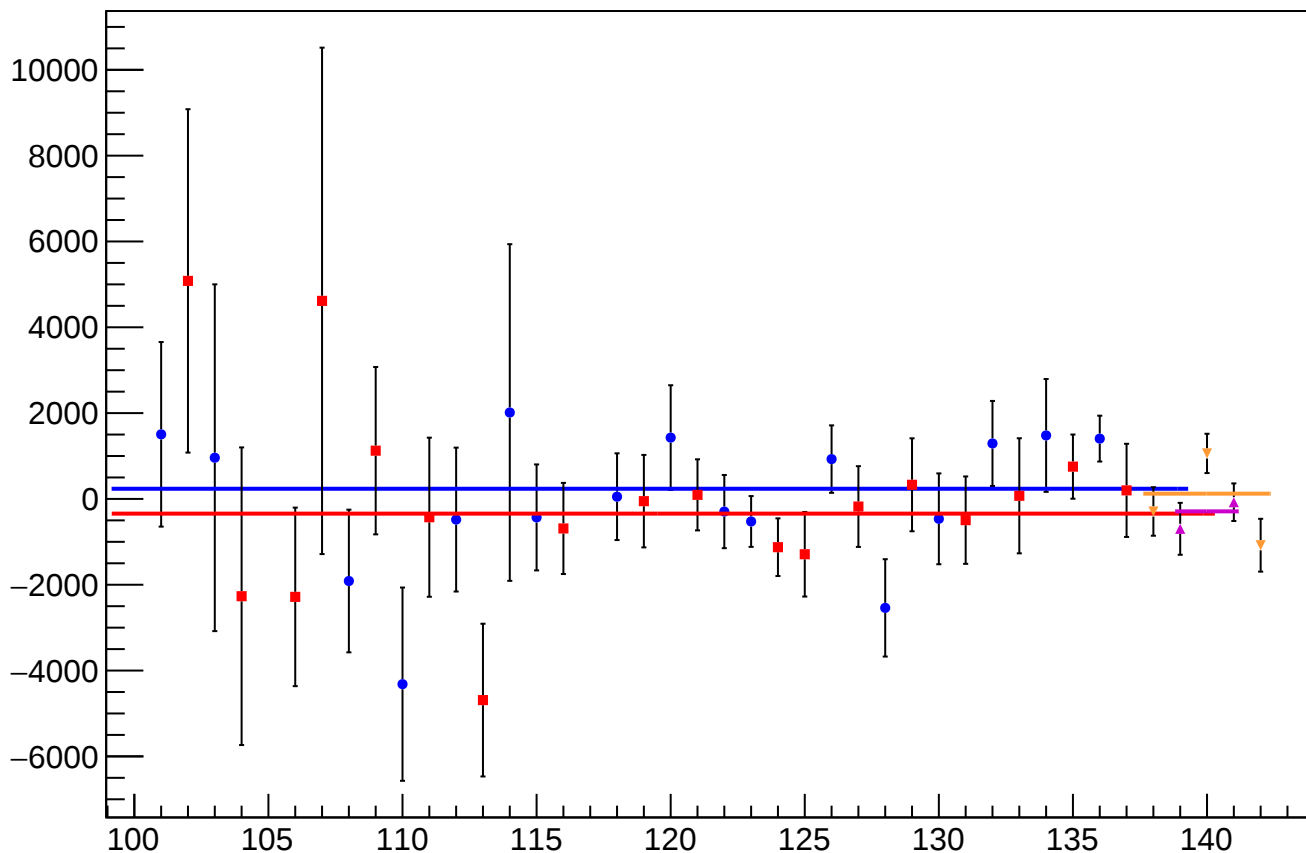
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1947.939+/-0.486 χ^2/NDF : 609724.5/18

Out: 1971.352+/-0.473 χ^2/NDF : 302862.5/20

All: 1959.976+/-0.339 χ^2/NDF : 913778.0/39

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 122.776 $\pm$ 308.091 χ^2 /NDF:8.5/2

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

Left In: -289.894 $\pm$ 354.807 χ^2 /NDF:0.7/1

Left: -54.621 $\pm$ 232.629 χ^2 /NDF: 10.0/4

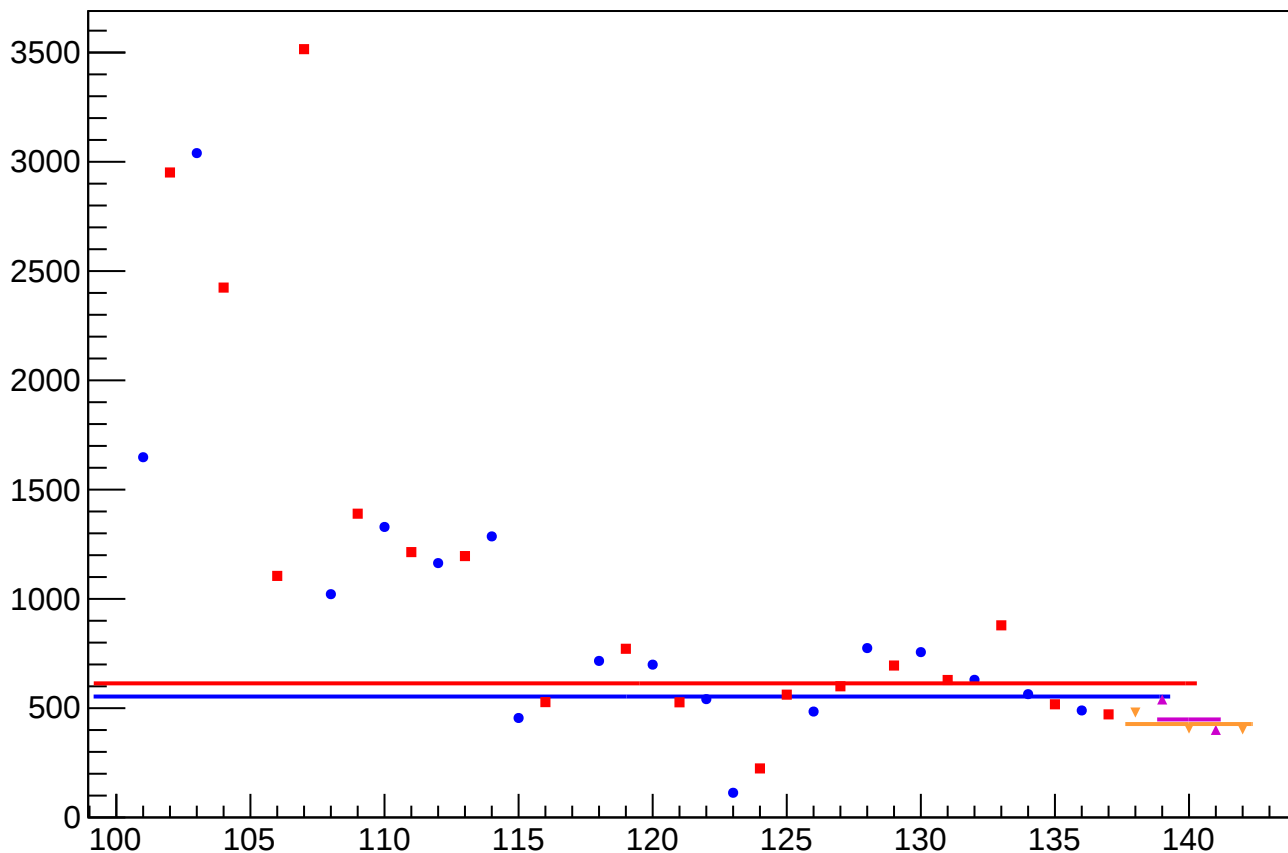
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 63.411 $\pm$ 203.600 χ^2 /NDF:26.0/18

Out: -141.760 $\pm$ 202.452 χ^2 /NDF:25.8/20

All: -39.754 $\pm$ 143.559 χ^2 /NDF: 52.3/39

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 427.444+/-0.218 χ^2/NDF : 24667.7/2

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 448.508+/-0.251 χ^2/NDF : 69503.0/1

Left: 436.499+/-0.164 χ^2/NDF : 98189.4/4

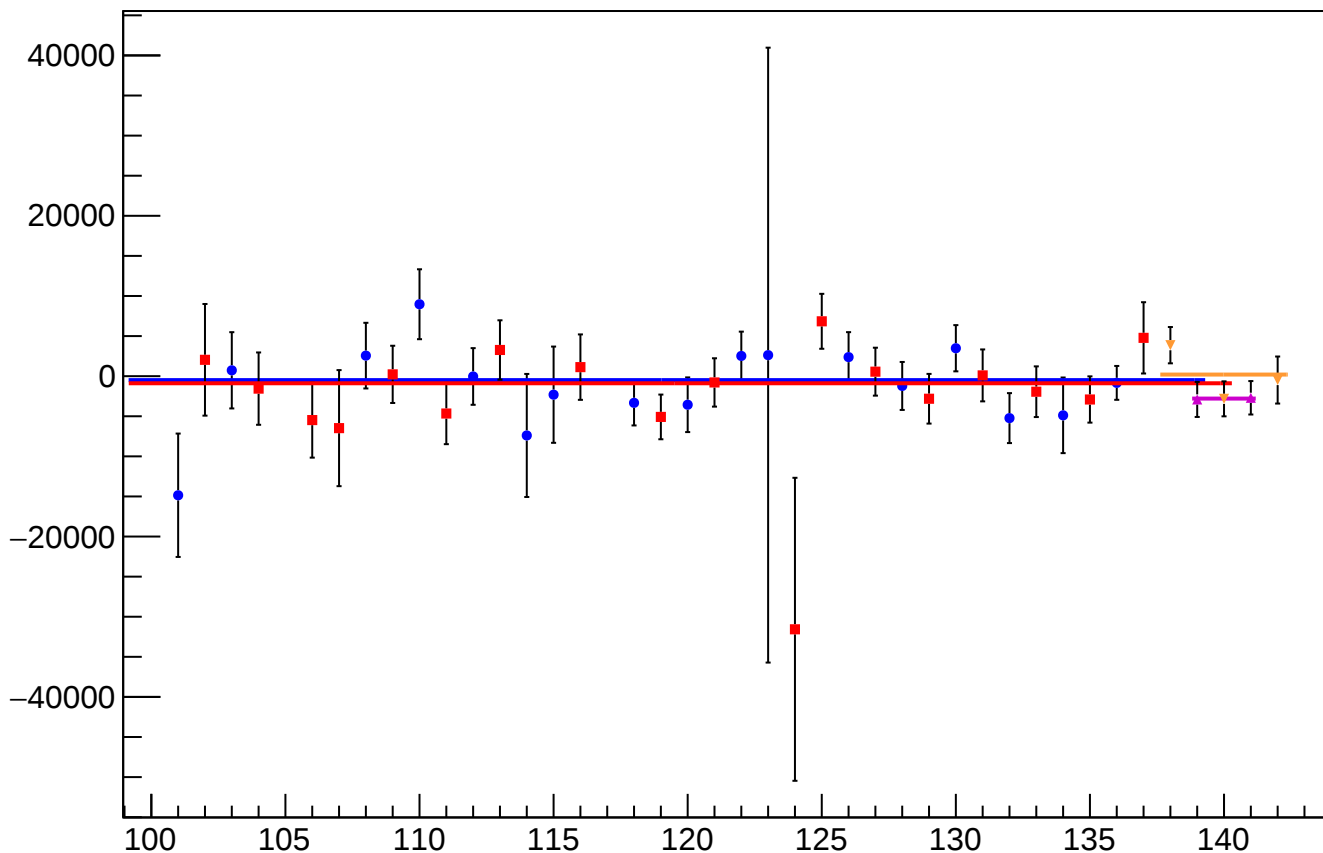
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 518.780+/-0.144 χ^2/NDF : 3599221.3/18

Out: 533.204+/-0.143 χ^2/NDF : 3915821.2/20

All: 526.033+/-0.102 χ^2/NDF : 7520089.7/39

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940 ± 867.988 χ^2/NDF : 18.6/16

Left Out: 200.477 ± 1384.720 χ^2/NDF : 4.6/2

Right Out: -884.654 ± 869.140 χ^2/NDF : 17.3/17

Left In: -2794.247 ± 1508.268 χ^2/NDF : 0.0/1

Left: -1169.225 ± 1020.031 χ^2/NDF : 6.7/4

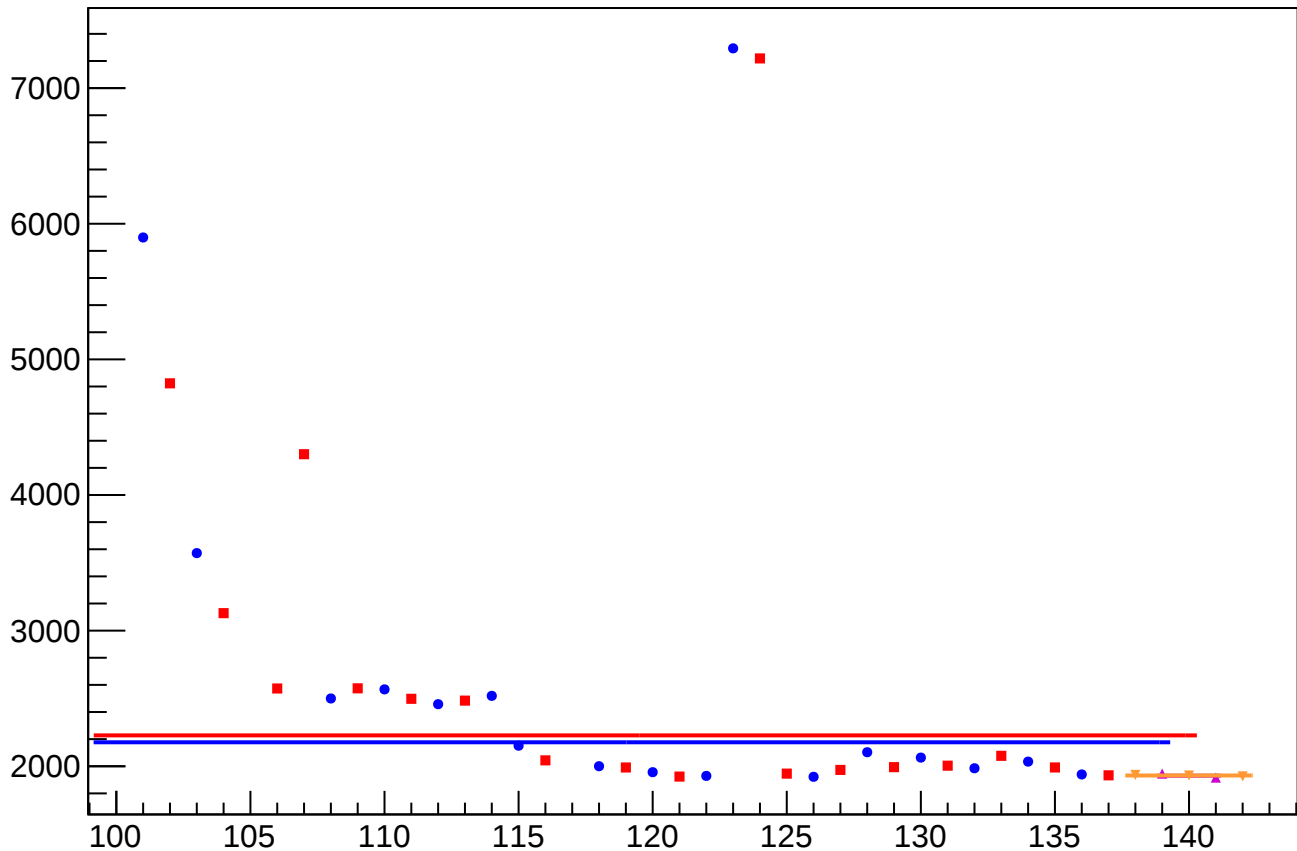
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -1064.730 ± 752.306 χ^2/NDF : 20.3/18

Out: -577.973 ± 736.147 χ^2/NDF : 22.3/20

All: -816.067 ± 526.155 χ^2/NDF : 42.8/39

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1931.988 $\pm$ 0.979 χ^2 /NDF:17.0/2

Right Out: 2227.688 $\pm$ 0.615 χ^2 /NDF: 825665.5/17

Left In: 1930.393 $\pm$ 1.067 χ^2 /NDF:187.9/1

Left: 1931.259 $\pm$ 0.721 χ^2 /NDF: 206.1/4

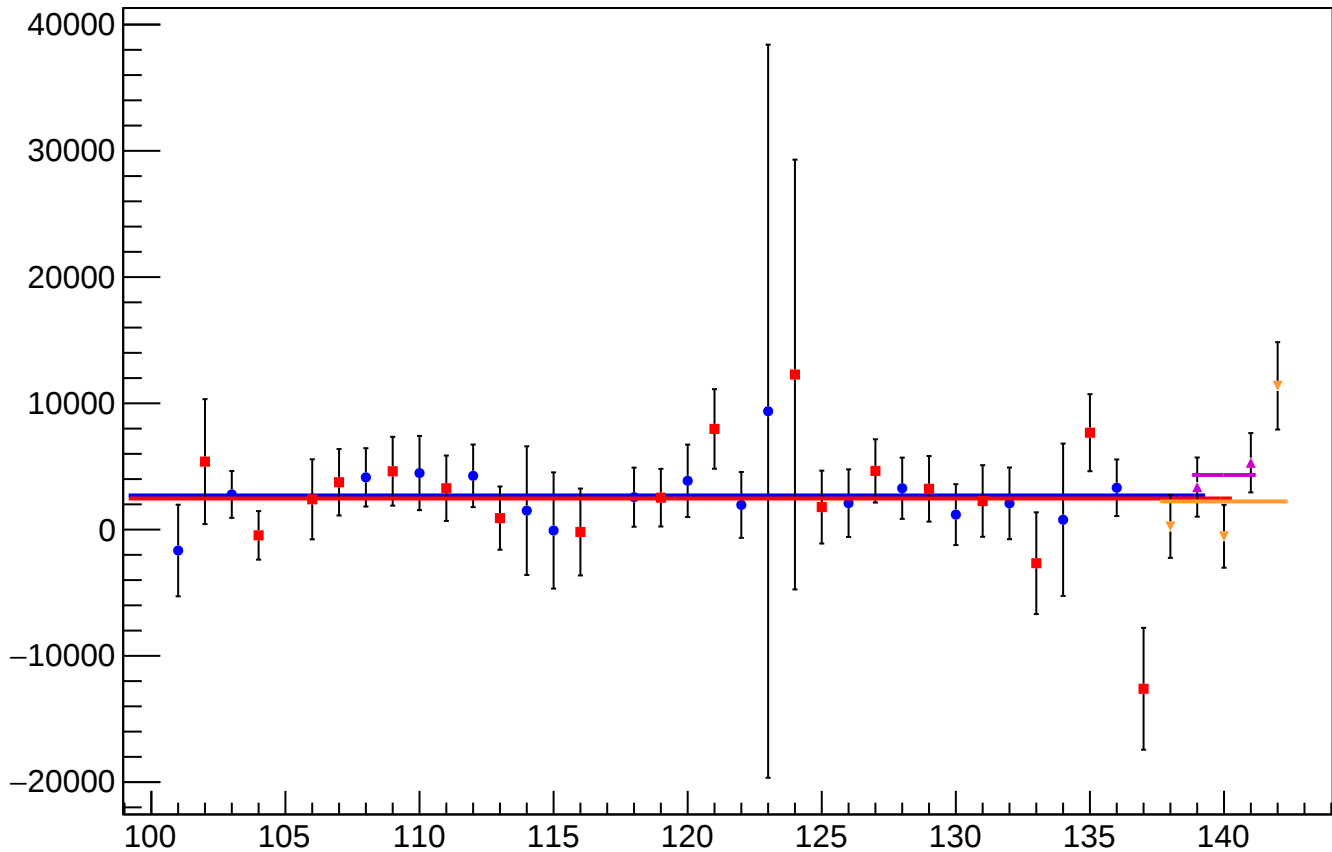
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2115.456 $\pm$ 0.532 χ^2 /NDF:842948.0/18

Out: 2144.117 $\pm$ 0.521 χ^2 /NDF:891109.5/20

All: 2130.098 $\pm$ 0.372 χ^2 /NDF: 1735540.5/39

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 2230.386 $\pm$ 1569.253 χ^2 /NDF:8.9/2

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 4328.186 $\pm$ 1659.304 χ^2 /NDF:0.3/1

Left: 3220.820 $\pm$ 1140.136 χ^2 /NDF: 10.0/4

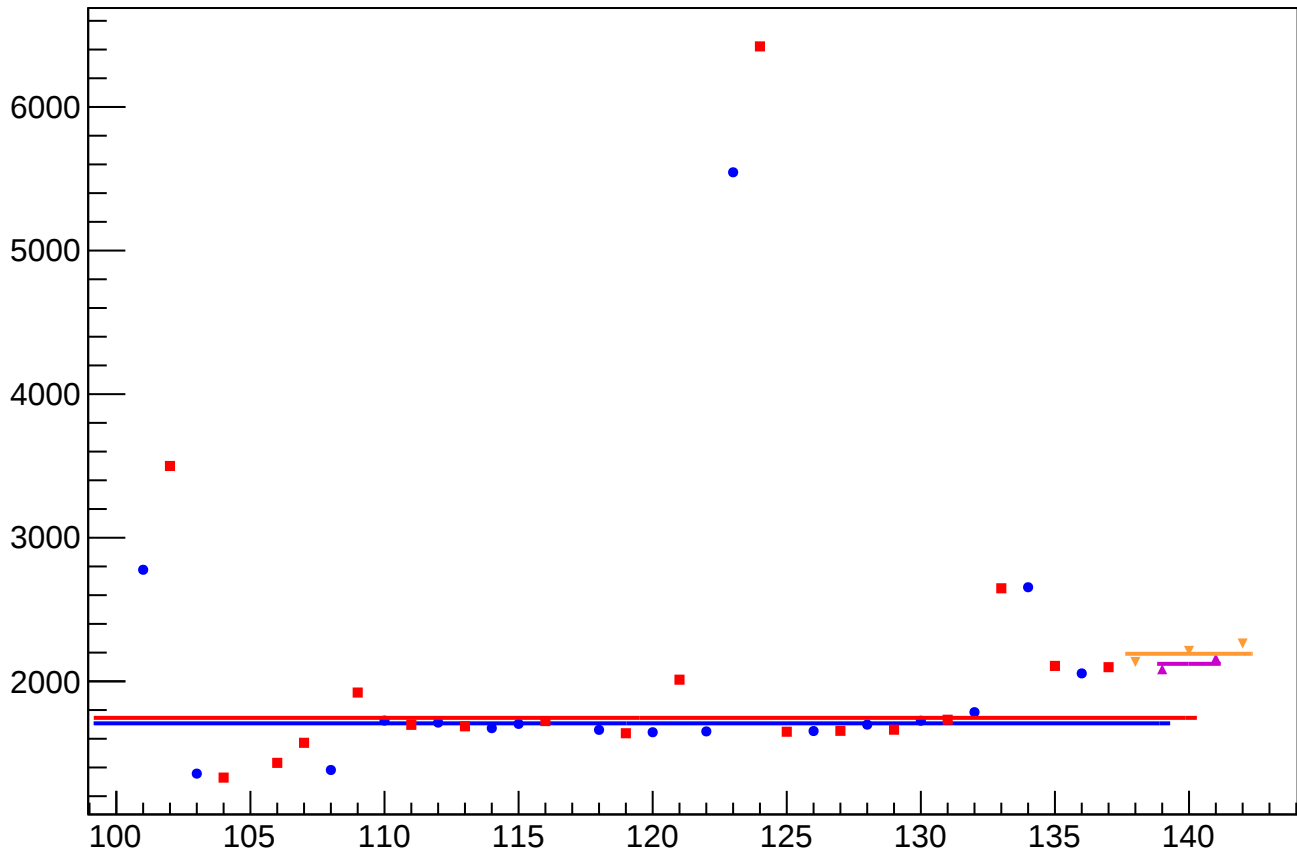
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2933.546 $\pm$ 624.370 χ^2 /NDF:5.2/18

Out: 2427.259 $\pm$ 626.467 χ^2 /NDF:32.1/20

All: 2681.251 $\pm$ 442.236 χ^2 /NDF: 37.6/39

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2191.864+/-1.110 χ^2/NDF : 2033.9/2

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 2121.809+/-1.173 χ^2/NDF : 1024.8/1

Left: 2158.789+/-0.806 χ^2/NDF : 4940.6/4

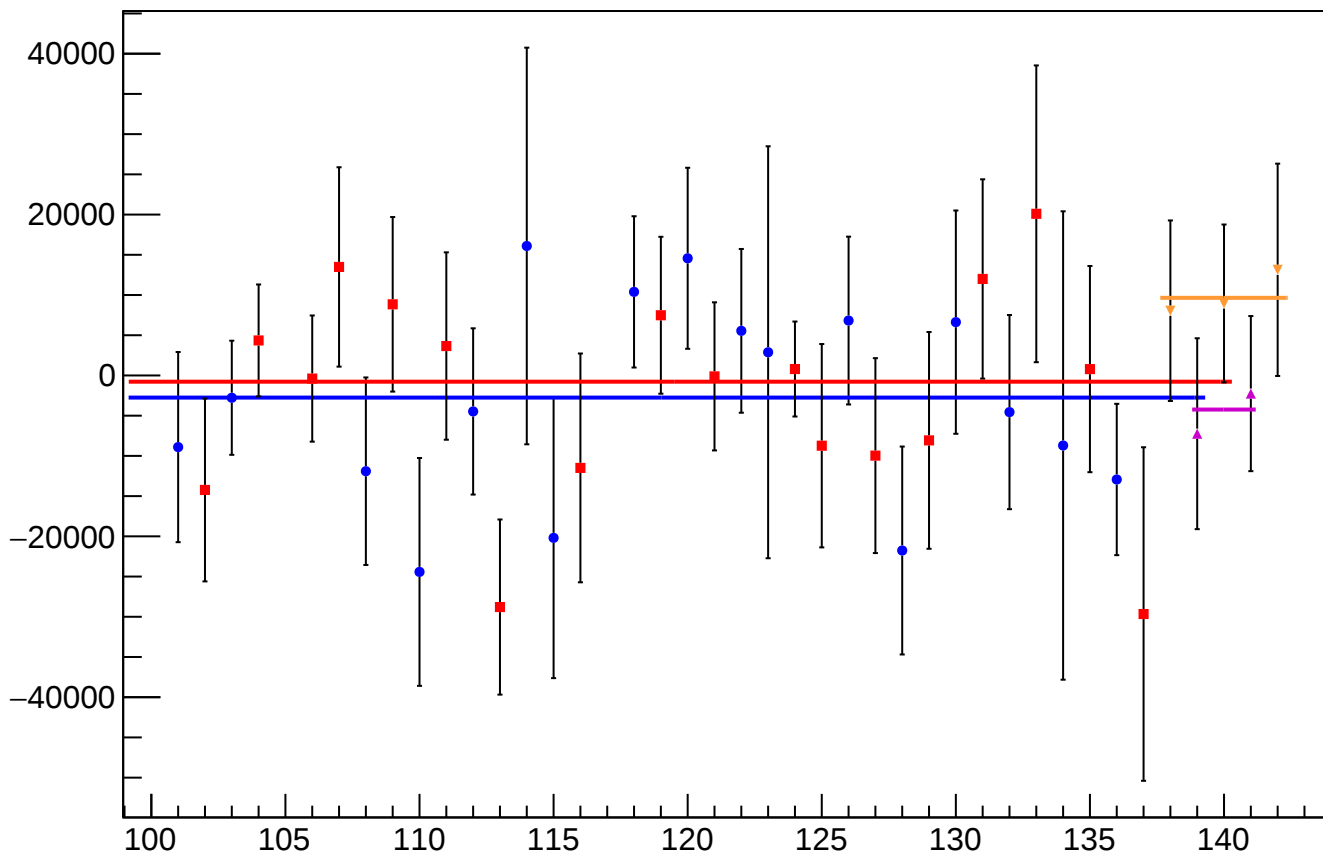
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1766.064+/-0.441 χ^2/NDF : 530283.9/18

Out: 1816.648+/-0.443 χ^2/NDF : 837283.2/20

All: 1791.277+/-0.313 χ^2/NDF : 1374110.1/39

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: 9650.962+/-6446.074 χ^2/NDF : 0.1/2

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: -4238.599+/-7482.476 χ^2/NDF : 0.1/1

Left: 3733.992+/-4883.720 χ^2/NDF : 2.2/4

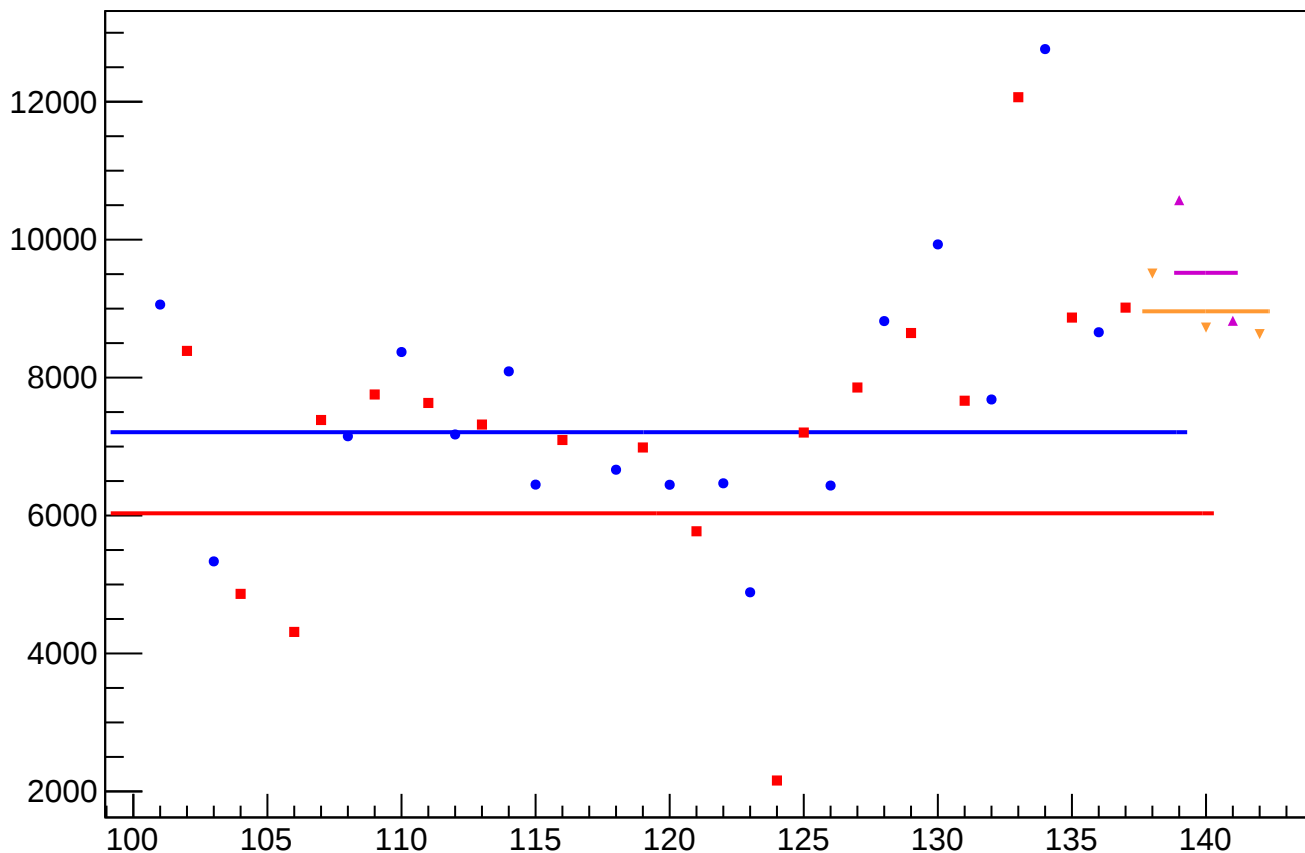
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -2938.356+/-2657.139 χ^2/NDF : 14.7/18

Out: 532.436+/-2282.632 χ^2/NDF : 20.1/20

All: -941.327+/-1731.465 χ^2/NDF : 35.8/39

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 8960.965+/-4.558 χ^2/NDF : 7166.5/2

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 9519.233+/-5.291 χ^2/NDF : 26163.8/1

Left: 9198.788+/-3.453 χ^2/NDF : 39720.8/4

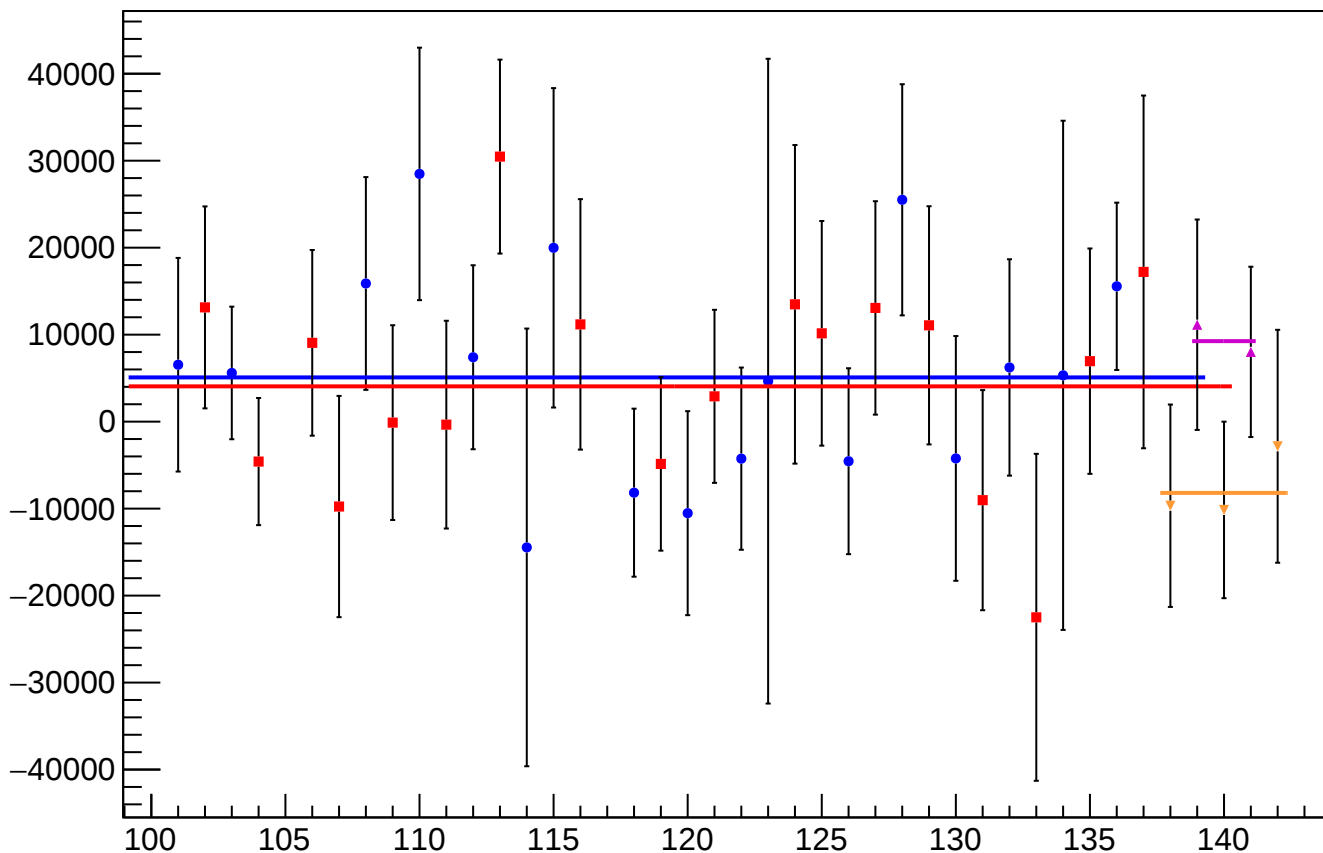
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7499.764+/-1.879 χ^2/NDF : 686621.2/18

Out: 6399.447+/-1.614 χ^2/NDF : 2165825.3/20

All: 6866.662+/-1.224 χ^2/NDF : 3049776.4/39

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: -8193.823+/-6640.480 χ^2/NDF : 0.2/2

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 9255.467+/-7609.885 χ^2/NDF : 0.0/1

Left: -650.727+/-5003.386 χ^2/NDF : 3.2/4

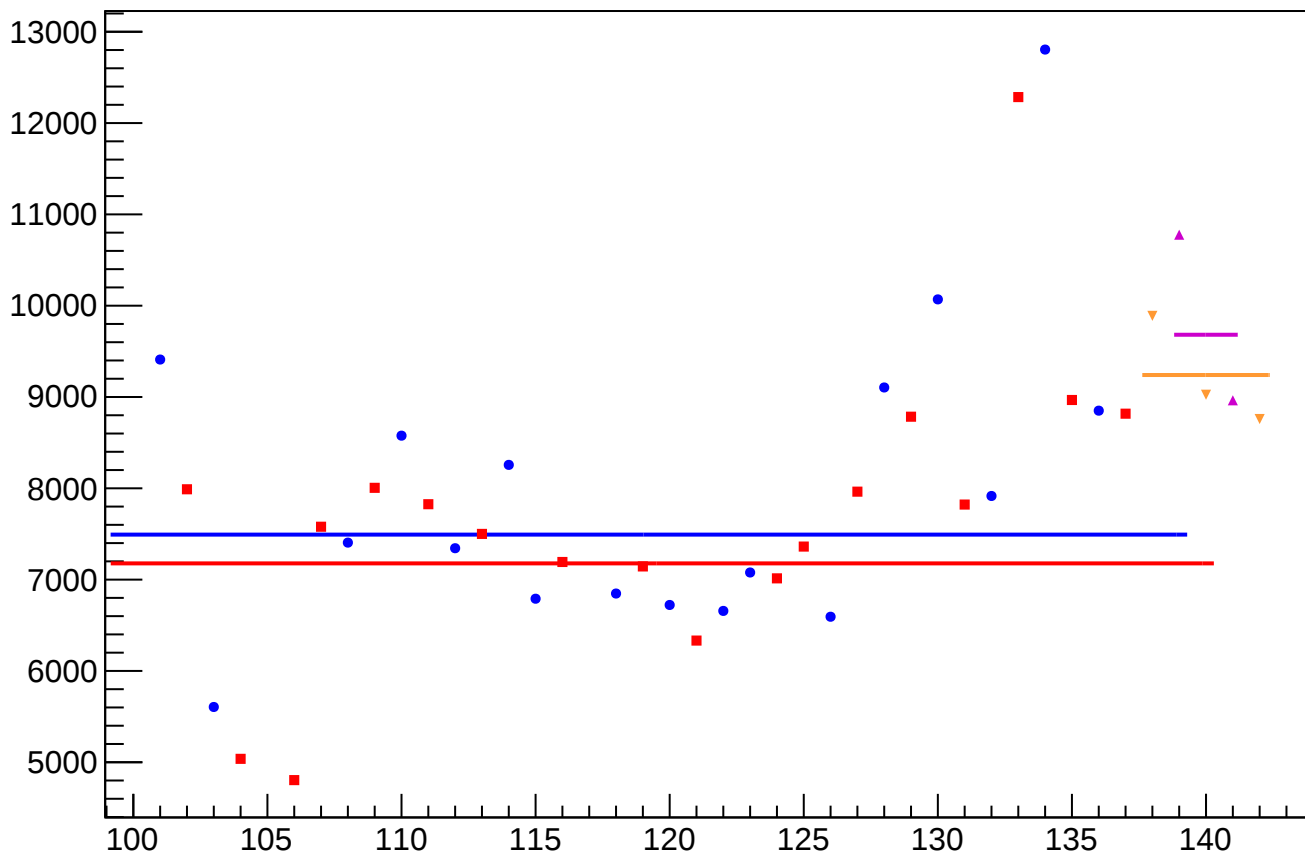
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 5631.204+/-2754.810 χ^2/NDF : 14.3/18

Out: 2206.393+/-2580.081 χ^2/NDF : 18.3/20

All: 3806.749+/-1883.136 χ^2/NDF : 33.4/39

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2/NDF : 437084.4/16

Left Out: 9240.798 $\pm$ 4.696 χ^2/NDF : 9697.6/2

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9681.755 $\pm$ 5.381 χ^2/NDF : 27166.9/1

Left: 9431.418 $\pm$ 3.538 χ^2/NDF : 40676.8/4

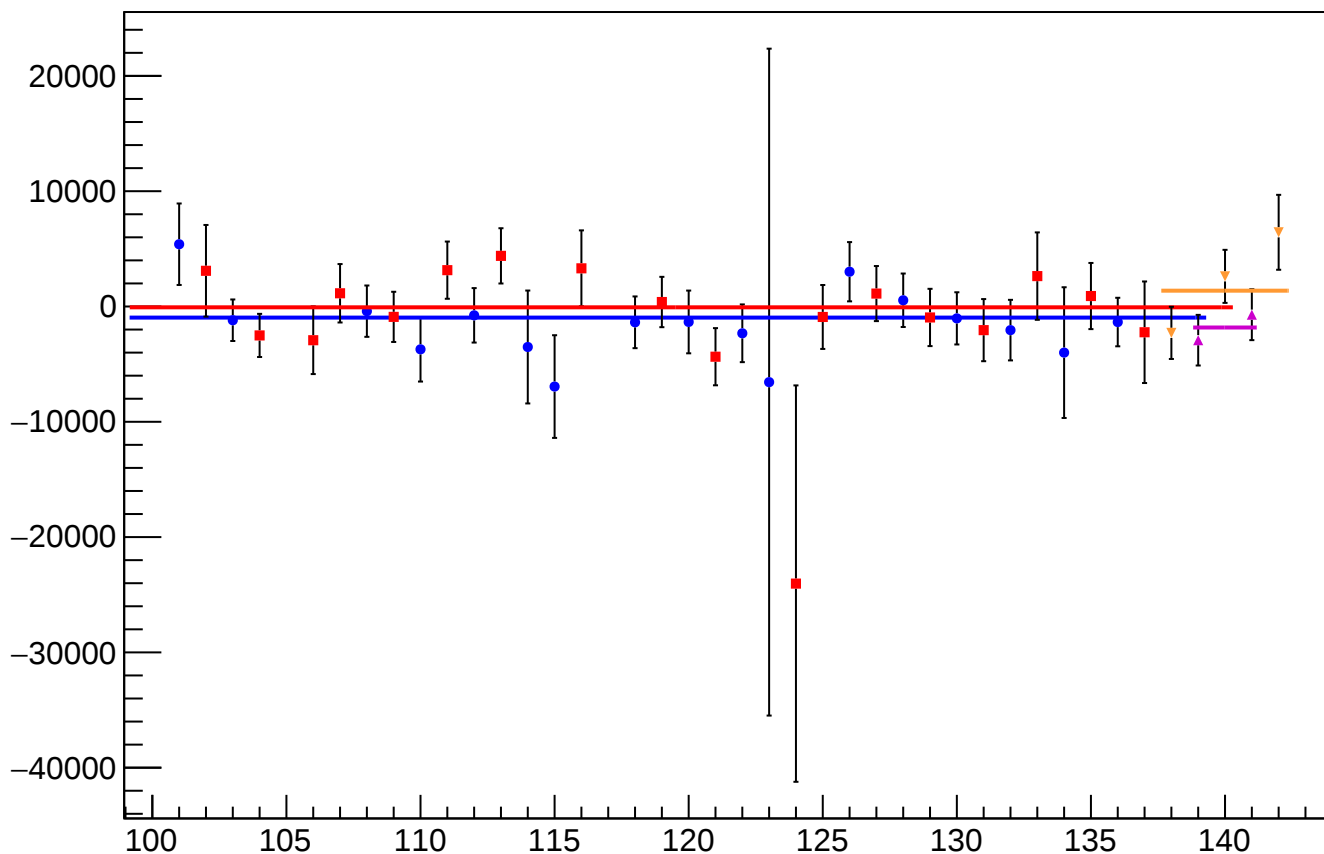
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7779.746 $\pm$ 1.948 χ^2/NDF : 608031.7/18

Out: 7489.175 $\pm$ 1.824 χ^2/NDF : 729495.7/20

All: 7624.941 $\pm$ 1.331 χ^2/NDF : 1349382.4/39

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 ± 643.025 χ^2/NDF : 10.1/16

Left Out: 1371.698 ± 1444.873 χ^2/NDF : 5.3/2

Right Out: -71.322 ± 634.426 χ^2/NDF : 16.7/17

Left In: -1822.370 ± 1556.650 χ^2/NDF : 0.5/1

Left: -106.554 ± 1058.993 χ^2/NDF : 8.1/4

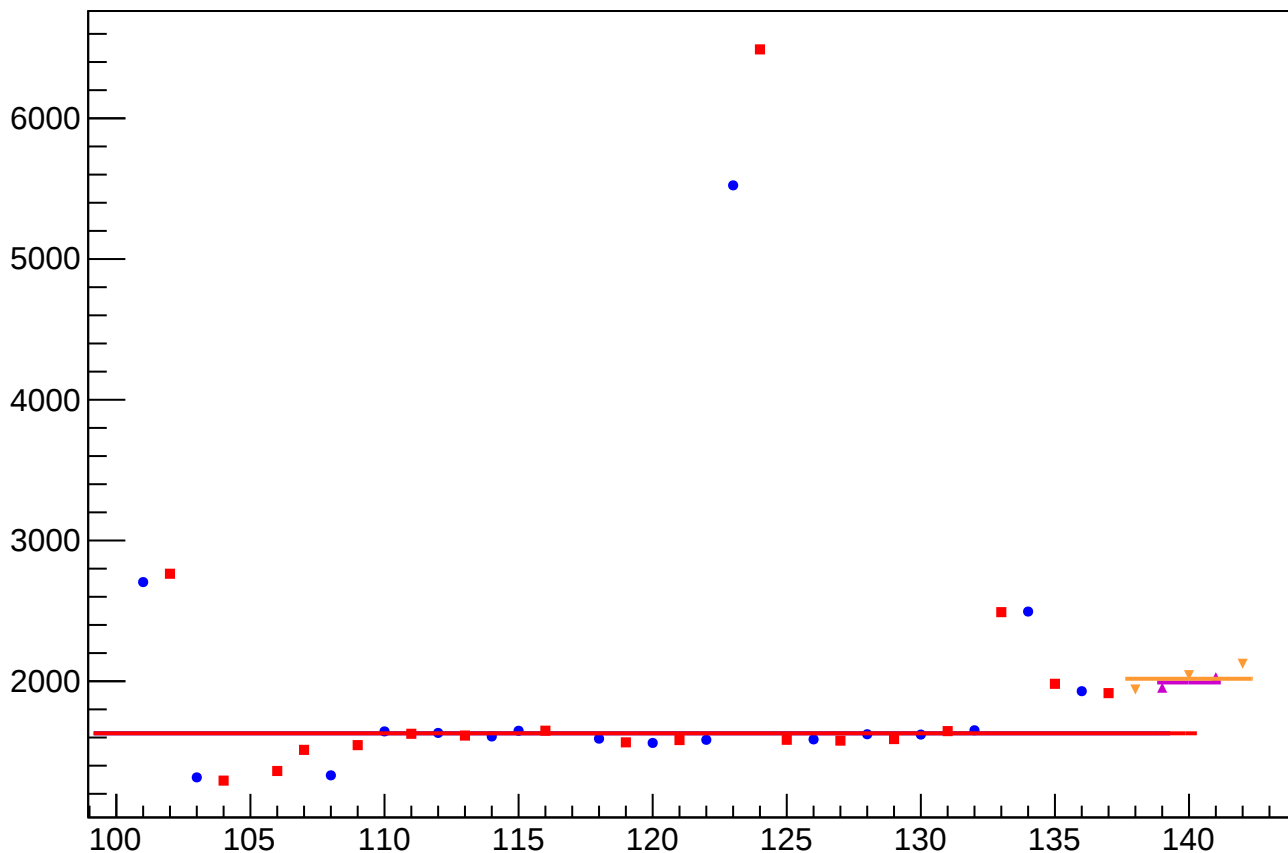
Right: -510.933 ± 451.616 χ^2/NDF : 27.8/34

In: -1087.873 ± 594.315 χ^2/NDF : 10.8/18

Out: 161.920 ± 580.894 χ^2/NDF : 22.9/20

All: -448.706 ± 415.418 χ^2/NDF : 36.0/39

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 2017.568+/-1.022 χ^2/NDF : 4675.8/2

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1991.259+/-1.101 χ^2/NDF : 1156.3/1

Left: 2005.392+/-0.749 χ^2/NDF : 6139.0/4

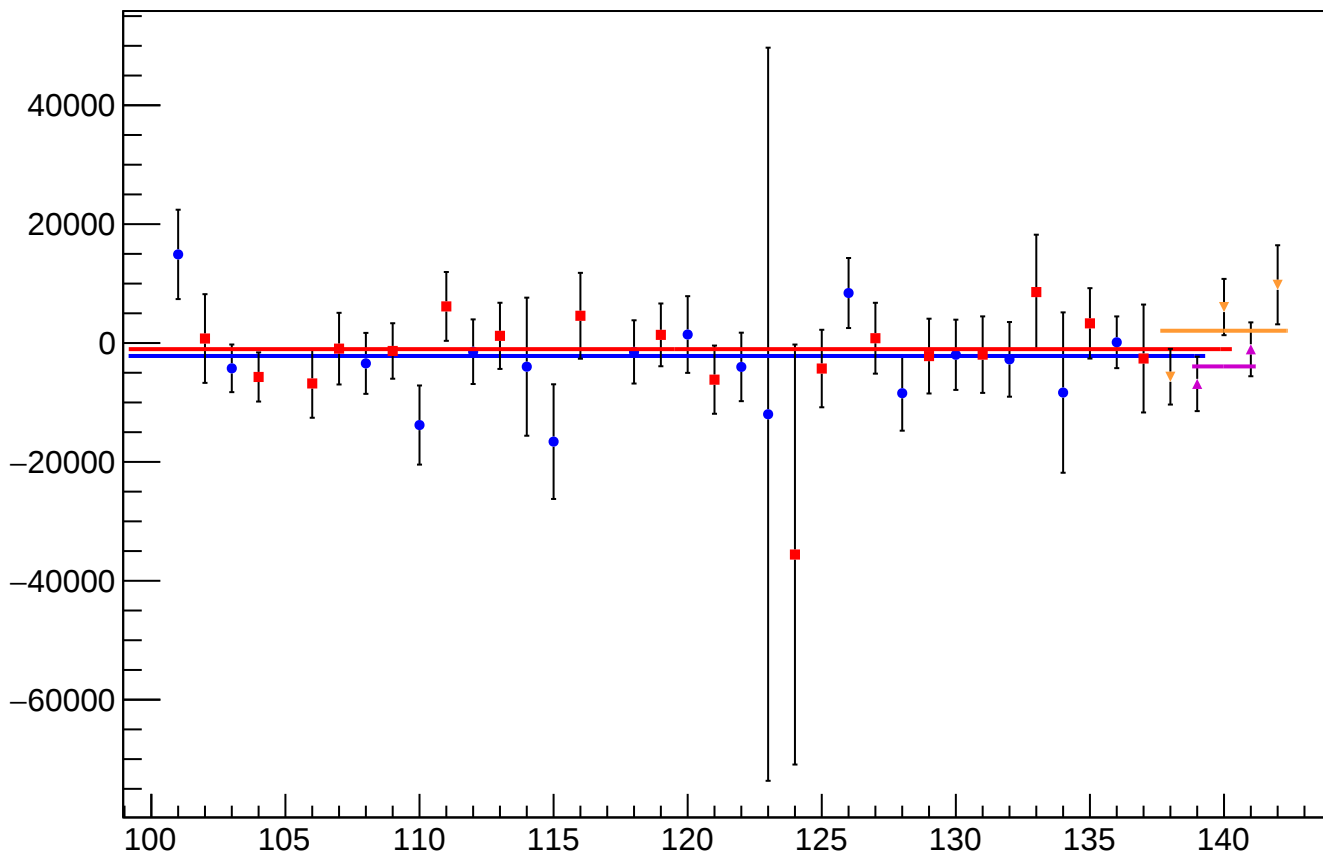
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1682.619+/-0.420 χ^2/NDF : 501347.6/18

Out: 1692.595+/-0.411 χ^2/NDF : 682812.2/20

All: 1687.721+/-0.294 χ^2/NDF : 1184448.0/39

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 2067.709+/-2977.043 χ^2/NDF : 4.8/2

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -3935.701+/-3220.660 χ^2/NDF : 0.8/1

Left: -698.381+/-2186.145 χ^2/NDF : 7.5/4

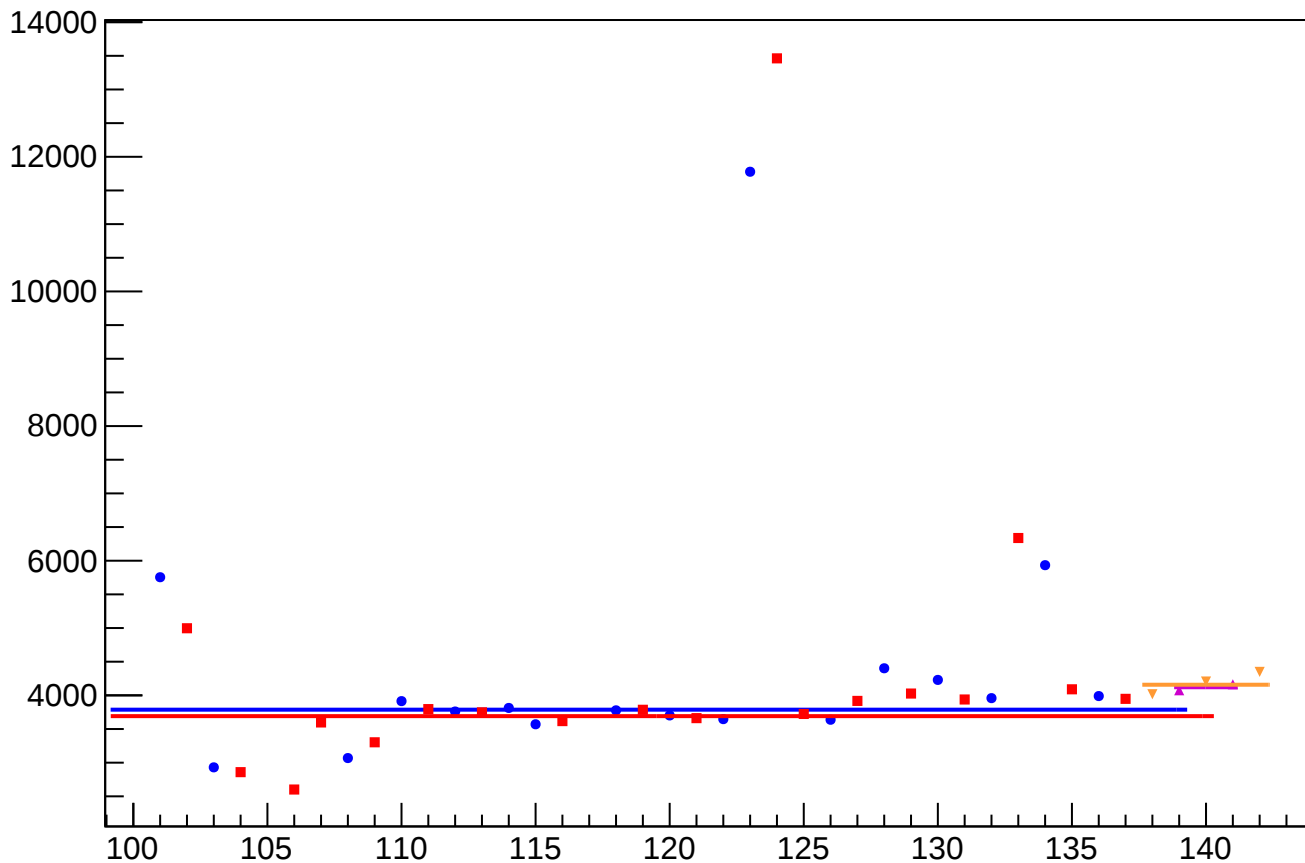
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -2489.943+/-1354.554 χ^2/NDF : 17.0/18

Out: -438.679+/-1298.015 χ^2/NDF : 14.2/20

All: -1420.609+/-937.186 χ^2/NDF : 32.5/39

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 4157.773+/-2.105 χ^2/NDF : 3668.0/2

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 4120.430+/-2.277 χ^2/NDF : 378.1/1

Left: 4140.567+/-1.546 χ^2/NDF : 4191.1/4

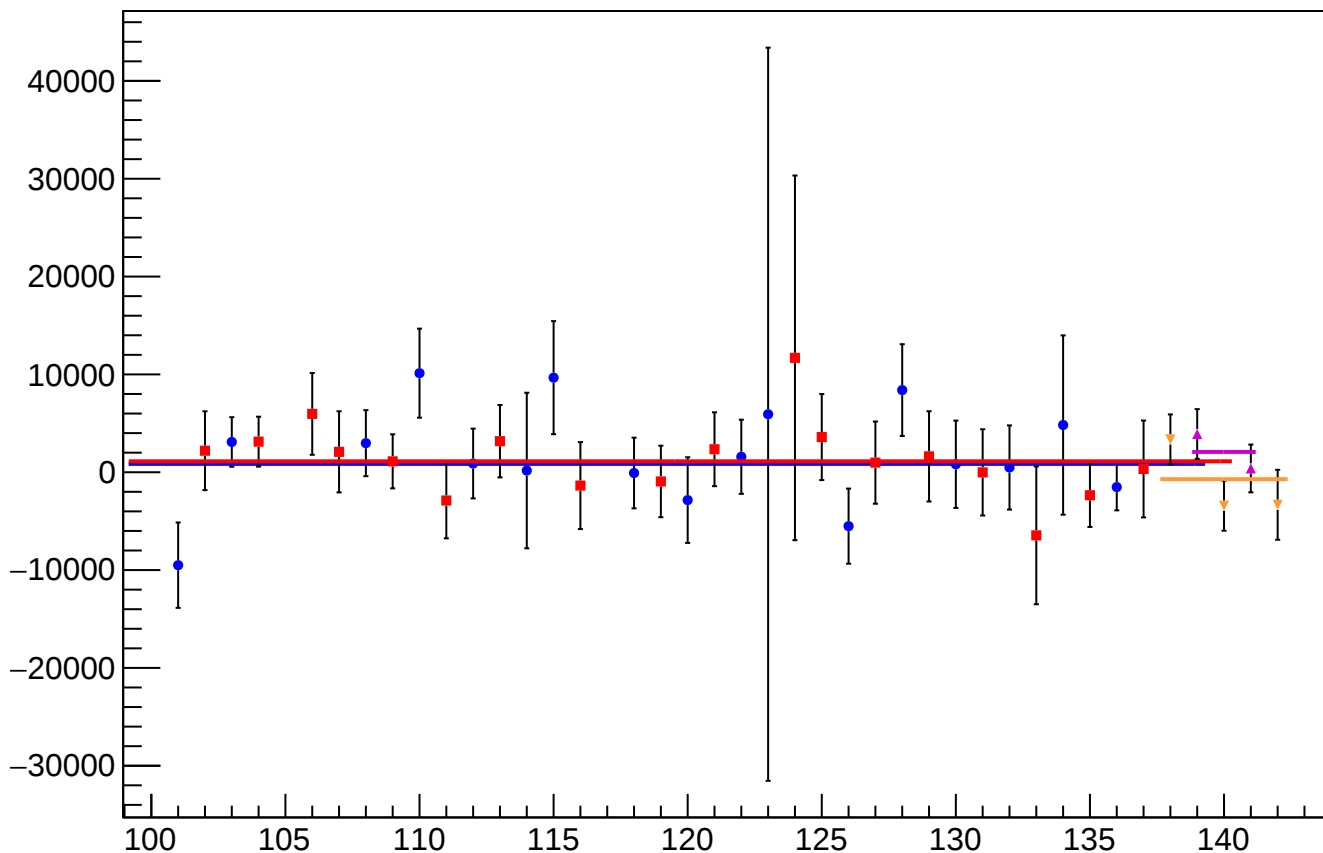
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3846.228+/-0.958 χ^2/NDF : 410641.4/18

Out: 3779.931+/-0.918 χ^2/NDF : 598603.5/20

All: 3811.666+/-0.663 χ^2/NDF : 1011742.6/39

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187+/-964.743 χ^2/NDF : 20.7/16

Left Out: -707.917+/-1614.137 χ^2/NDF : 4.2/2

Right Out: 1117.553+/-927.195 χ^2/NDF : 7.3/17

Left In: 2077.237+/-1761.552 χ^2/NDF : 1.0/1

Left: 563.265+/-1190.076 χ^2/NDF : 6.5/4

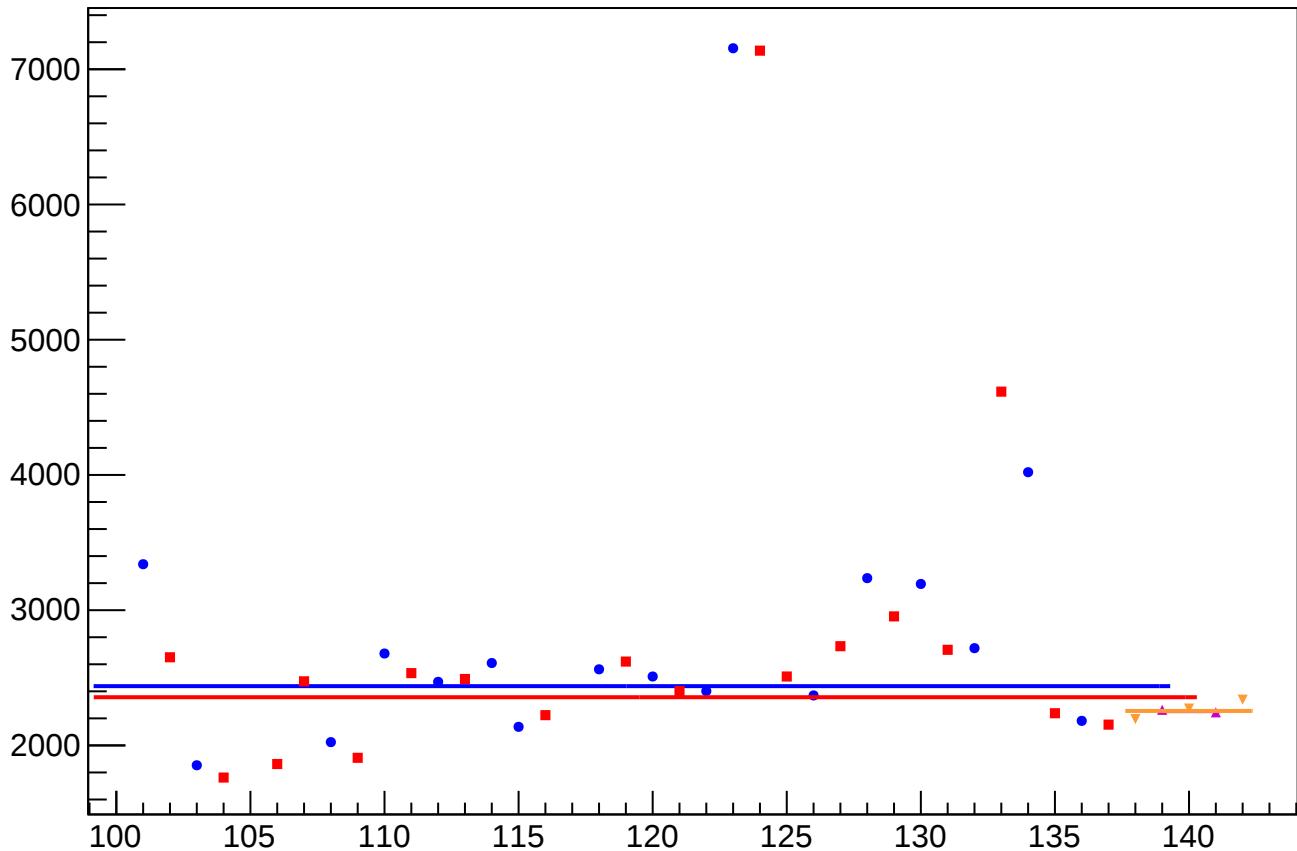
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 1137.923+/-846.156 χ^2/NDF : 22.0/18

Out: 664.658+/-803.992 χ^2/NDF : 12.4/20

All: 889.206+/-582.844 χ^2/NDF : 34.6/39

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2254.874+/-1.141 χ^2/NDF :2280.4/2

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2253.515+/-1.246 χ^2/NDF :56.2/1

Left: 2254.254+/-0.842 χ^2/NDF : 2337.3/4

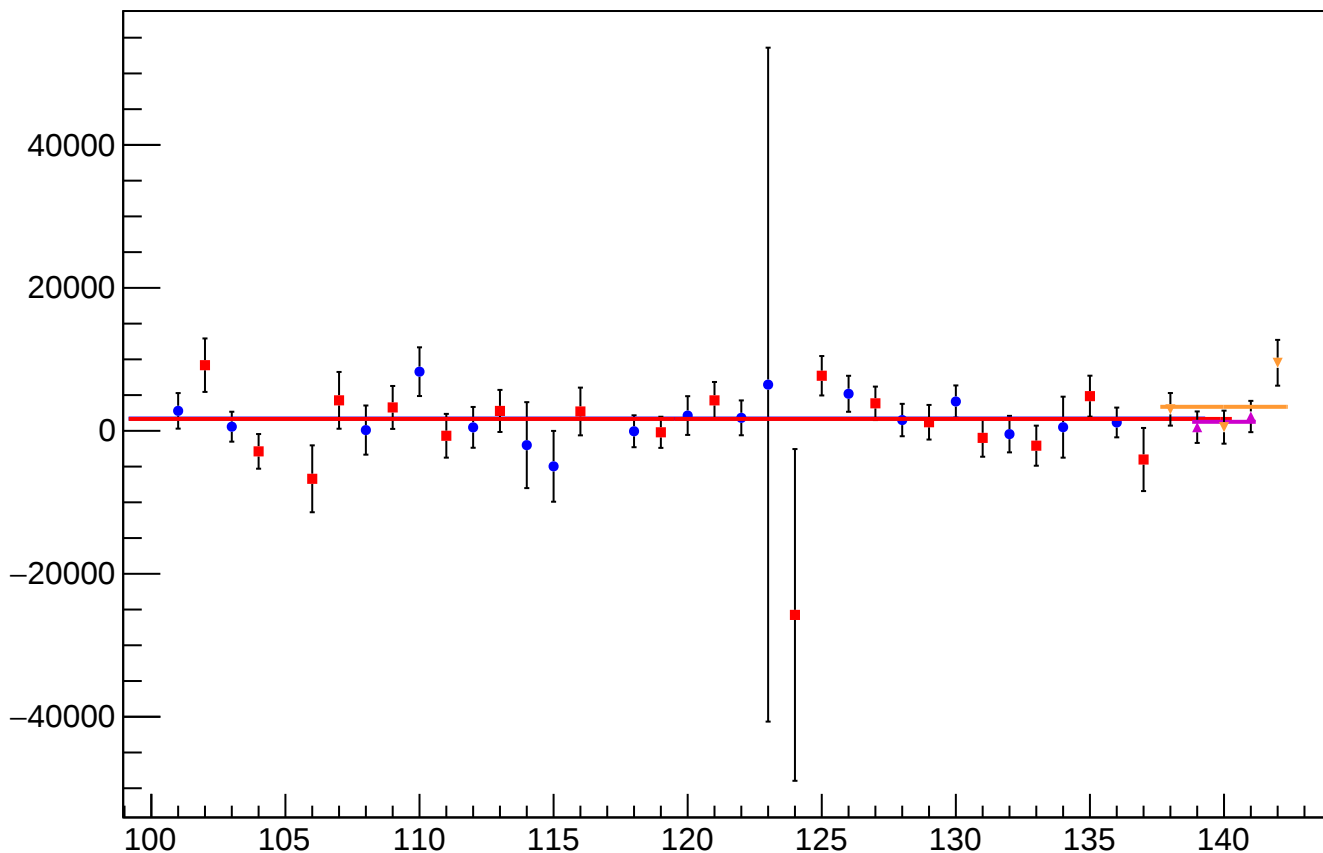
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2395.645+/-0.598 χ^2/NDF :493704.8/18

Out: 2331.215+/-0.569 χ^2/NDF :637362.9/20

All: 2361.785+/-0.412 χ^2/NDF : 1137161.8/39

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 3360.774 $\pm$ 1447.672 χ^2 /NDF: 5.2/2

Right Out: 1665.369 $\pm$ 695.701 χ^2 /NDF: 26.8/17

Left In: 1262.754 $\pm$ 1552.491 χ^2 /NDF: 0.2/1

Left: 2384.975 $\pm$ 1058.777 χ^2 /NDF: 6.4/4

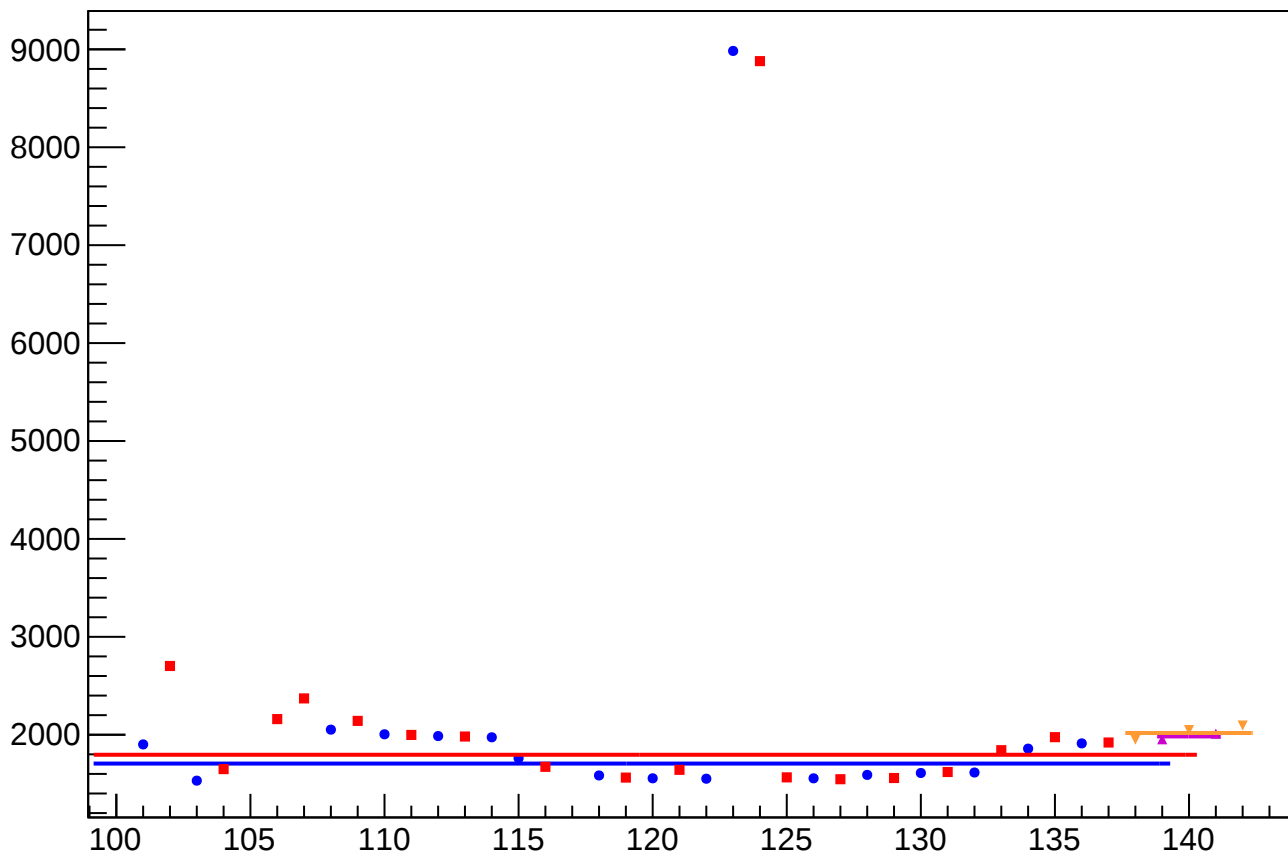
Right: 1689.956 $\pm$ 481.523 χ^2 /NDF: 38.2/34

In: 1642.449 $\pm$ 612.950 χ^2 /NDF: 11.7/18

Out: 1983.452 $\pm$ 627.052 χ^2 /NDF: 33.2/20

All: 1809.073 $\pm$ 438.322 χ^2 /NDF: 45.0/39

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 2017.955+/-1.024 χ^2/NDF : 3213.1/2

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1982.727+/-1.098 χ^2/NDF : 685.4/1

Left: 2001.570+/-0.749 χ^2/NDF : 4449.3/4

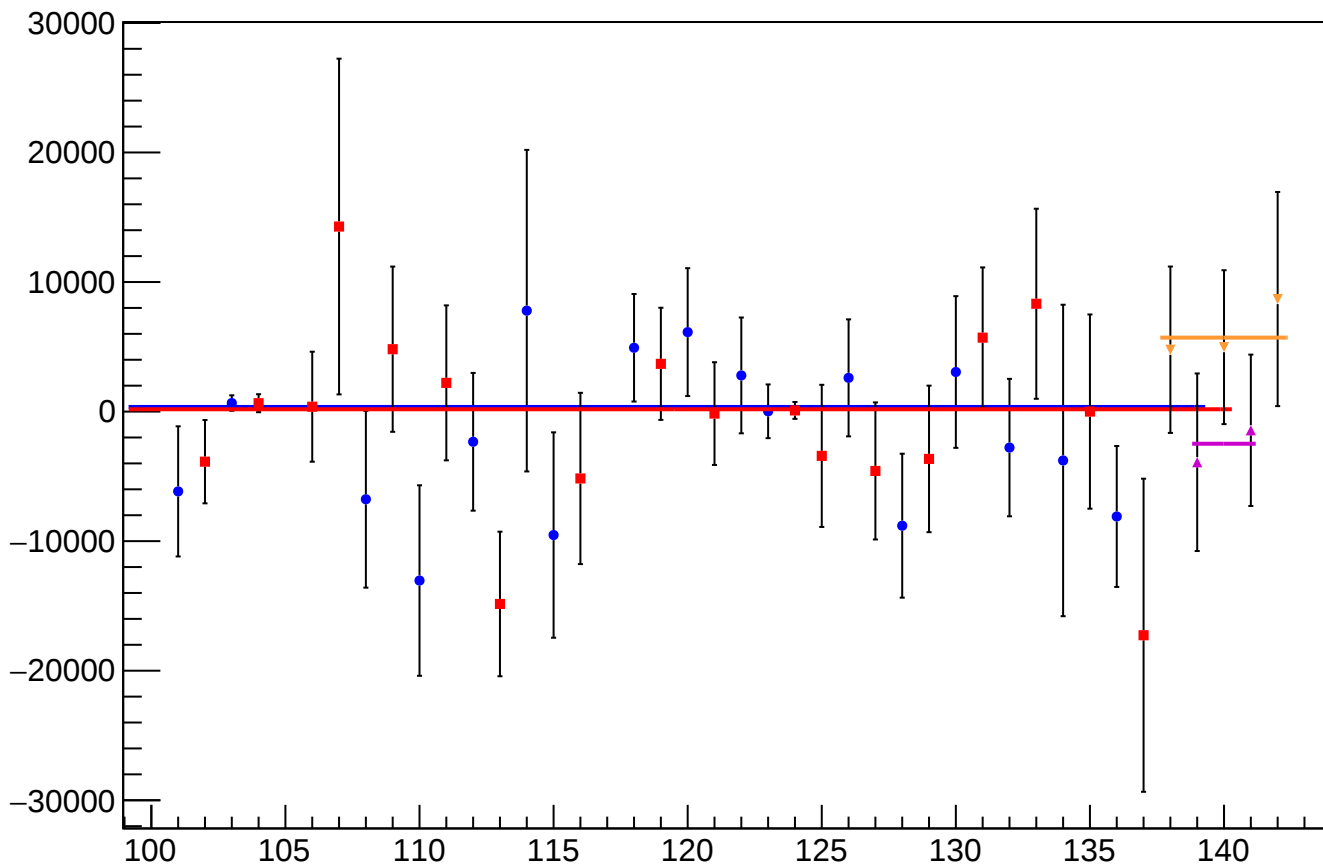
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1748.819+/-0.433 χ^2/NDF : 248644.1/18

Out: 1837.147+/-0.443 χ^2/NDF : 560389.0/20

All: 1792.058+/-0.310 χ^2/NDF : 829363.9/39

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: 5709.206 $\pm$ 3856.205 χ^2 /NDF:0.2/2

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: -2482.131 $\pm$ 4445.548 χ^2 /NDF:0.1/1

Left: 2192.125 $\pm$ 2912.990 χ^2 /NDF: 2.2/4

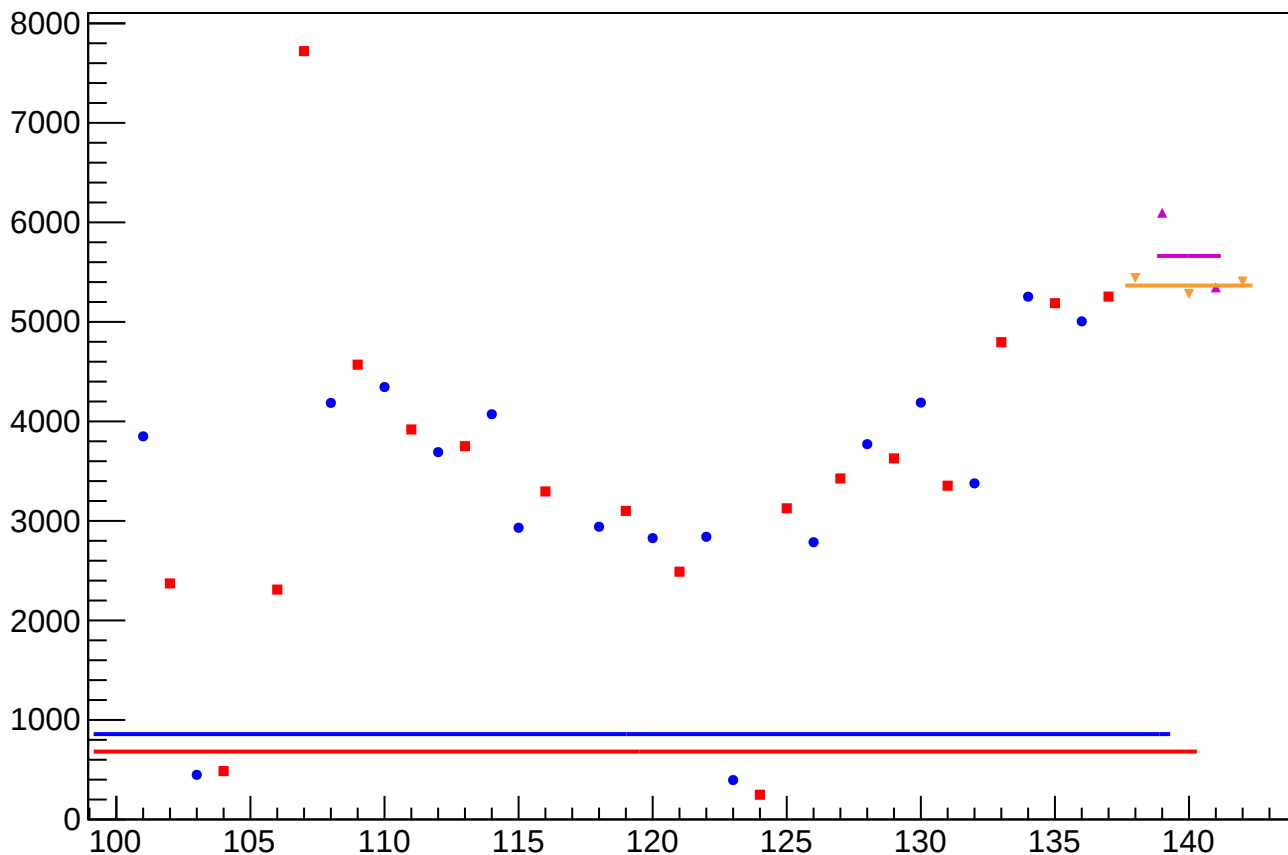
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 316.759 $\pm$ 529.415 χ^2 /NDF:18.0/18

Out: 252.503 $\pm$ 444.022 χ^2 /NDF:20.7/20

All: 279.038 $\pm$ 340.207 χ^2 /NDF: 38.7/39

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 5365.632+/-2.727 χ^2/NDF : 734.7/2

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 5662.846+/-3.143 χ^2/NDF : 13882.6/1

Left: 5493.246+/-2.060 χ^2/NDF : 19718.4/4

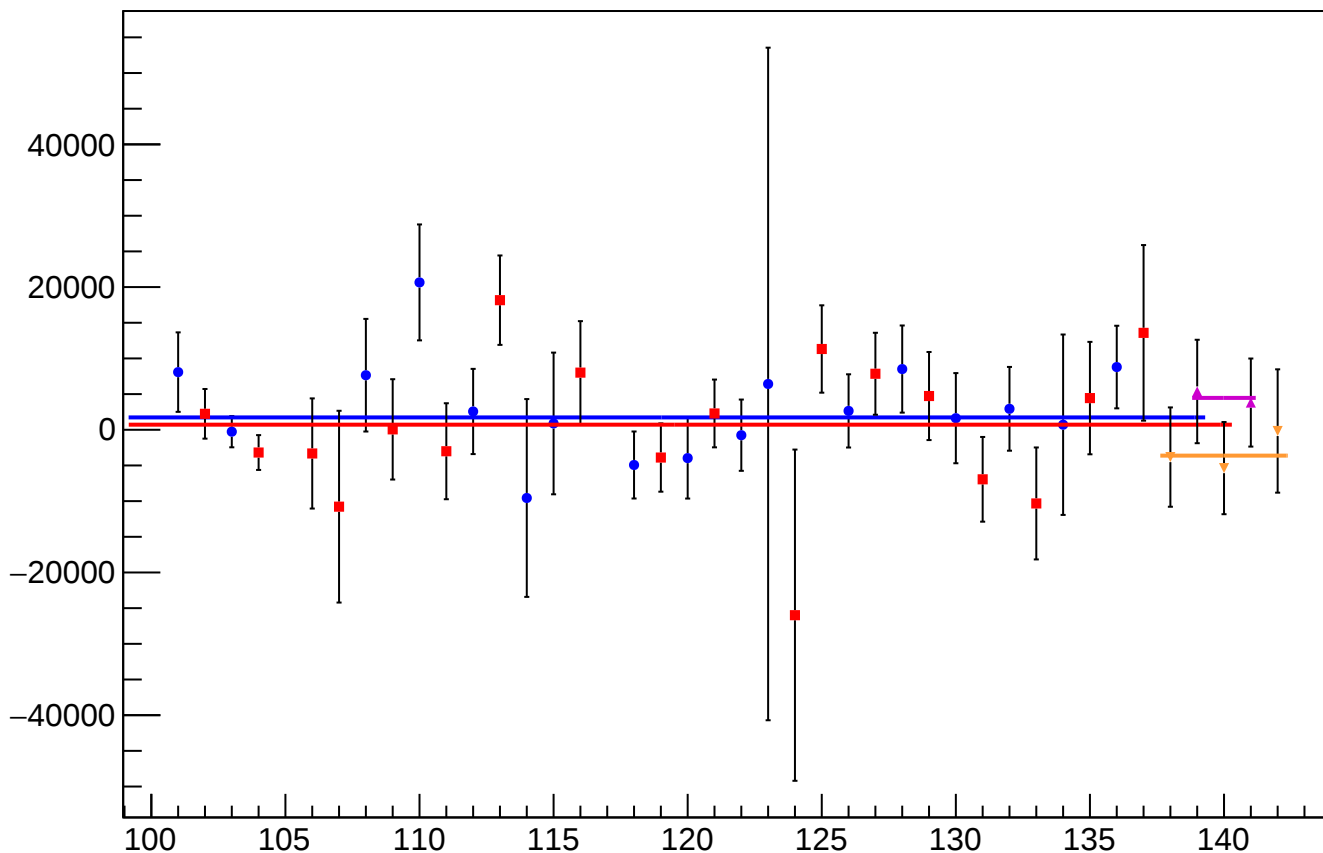
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 925.622+/-0.374 χ^2/NDF : 10492868.1/18

Out: 744.210+/-0.314 χ^2/NDF : 12290408.3/20

All: 819.123+/-0.241 χ^2/NDF : 22921139.6/39

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: -3621.439+/-4152.581 χ^2/NDF : 0.2/2

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 4467.369+/-4699.167 χ^2/NDF : 0.0/1

Left: -74.613+/-3111.706 χ^2/NDF : 1.9/4

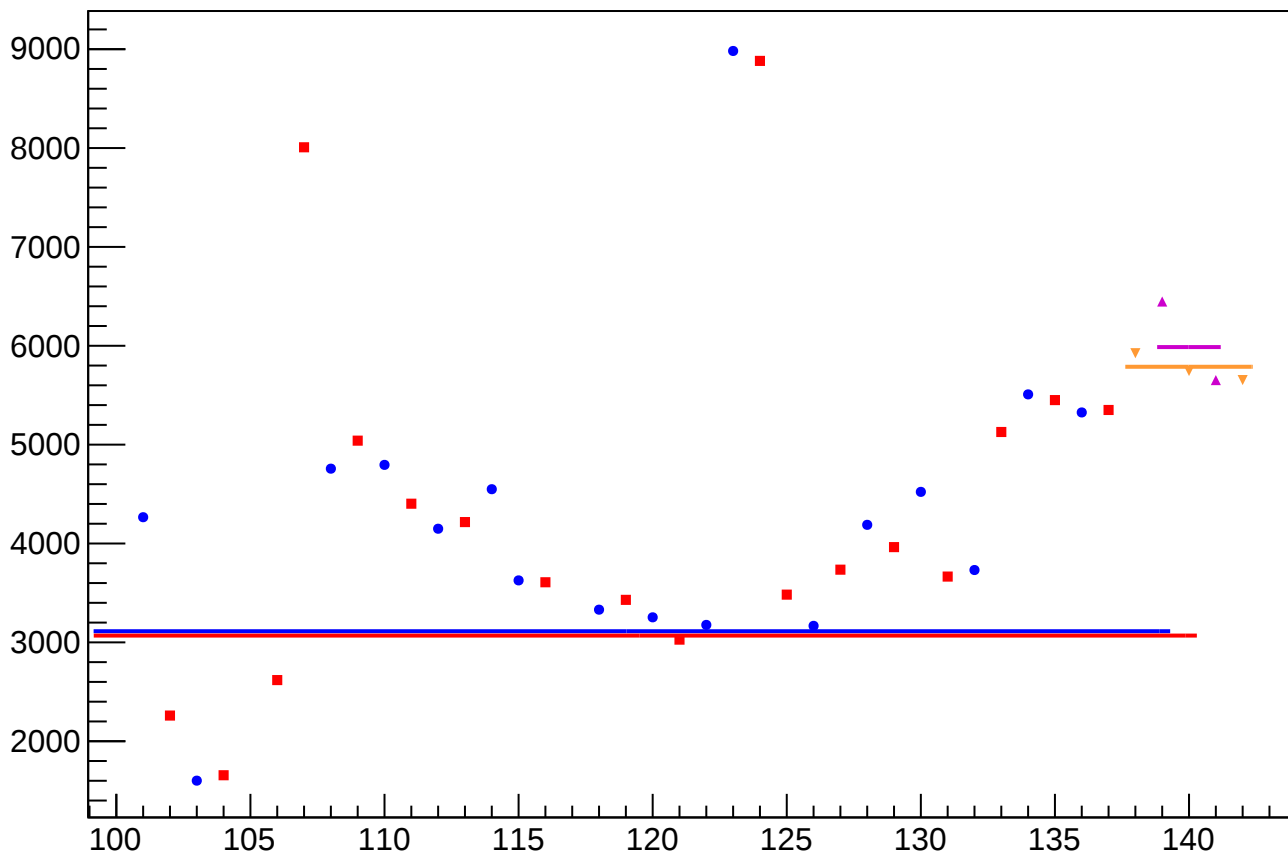
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1928.925+/-1257.061 χ^2/NDF : 15.2/18

Out: 333.430+/-1232.534 χ^2/NDF : 26.4/20

All: 1115.461+/-880.077 χ^2/NDF : 42.4/39

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5787.657+/-2.936 χ^2/NDF :1348.7/2

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5986.911+/-3.323 χ^2/NDF :13935.5/1

Left: 5875.027+/-2.200 χ^2/NDF : 17303.4/4

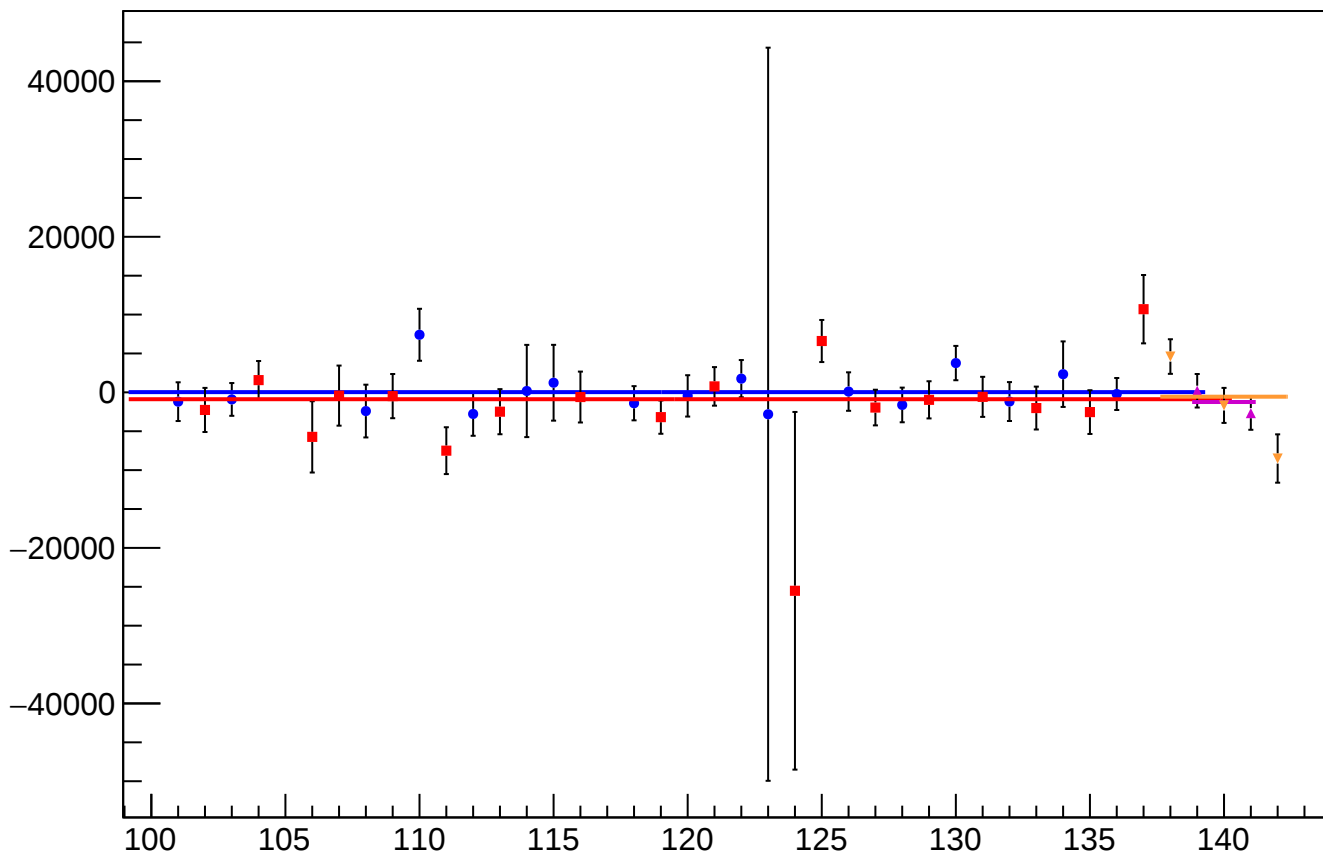
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3318.364+/-0.889 χ^2/NDF :2593125.8/18

Out: 3301.834+/-0.860 χ^2/NDF :2786910.2/20

All: 3309.826+/-0.618 χ^2/NDF : 5380214.7/39

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102+/-658.403 χ^2/NDF : 11.8/16

Left Out: -558.962+/-1410.054 χ^2/NDF :12.2/2

Right Out: -882.685+/-674.623 χ^2/NDF : 25.6/17

Left In: -1241.618+/-1519.146 χ^2/NDF :0.9/1

Left: -874.901+/-1033.475 χ^2/NDF : 13.2/4

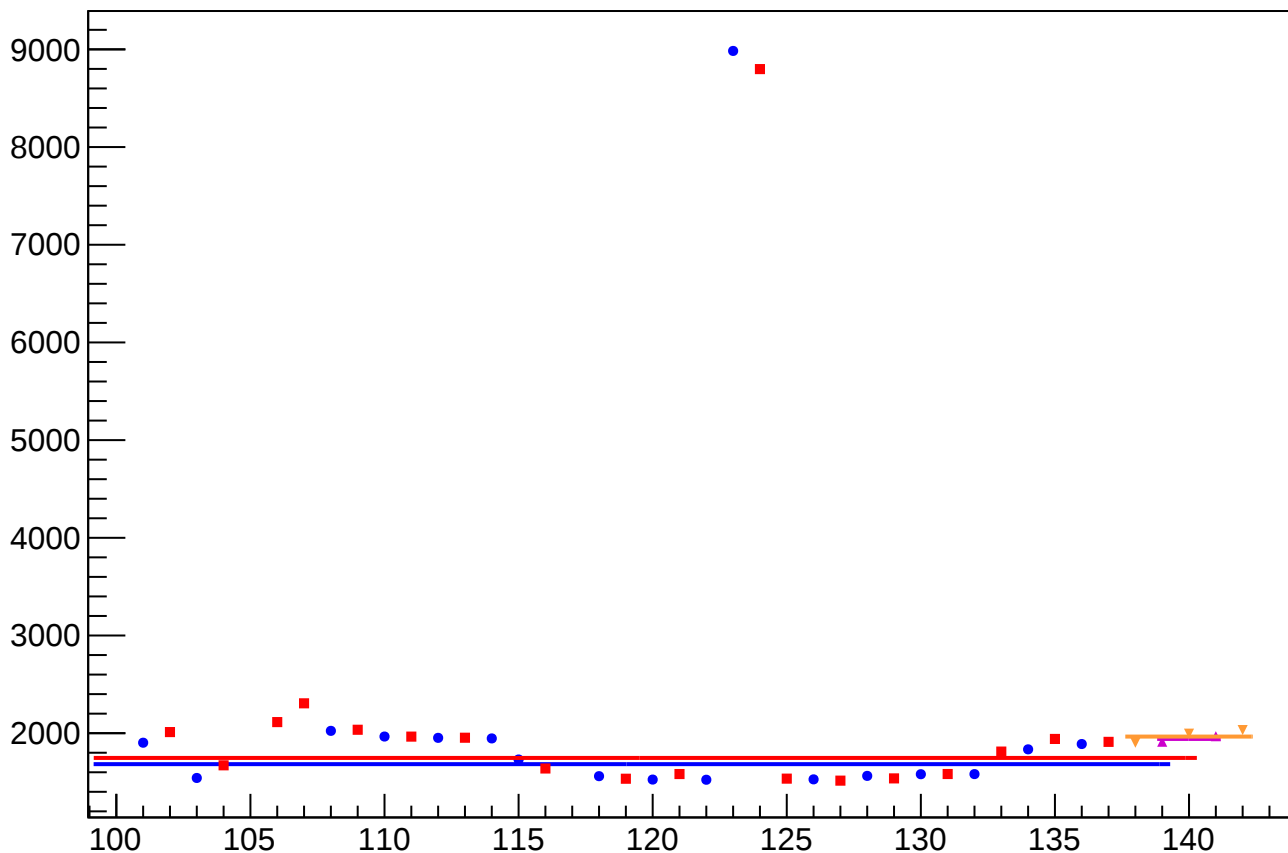
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -171.843+/-604.106 χ^2/NDF :13.3/18

Out: -822.386+/-608.559 χ^2/NDF :37.8/20

All: -494.726+/-428.733 χ^2/NDF : 51.7/39

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1965.385+/-0.997 χ^2/NDF : 2869.9/2

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1941.139+/-1.074 χ^2/NDF : 687.9/1

Left: 1954.164+/-0.731 χ^2/NDF : 3831.4/4

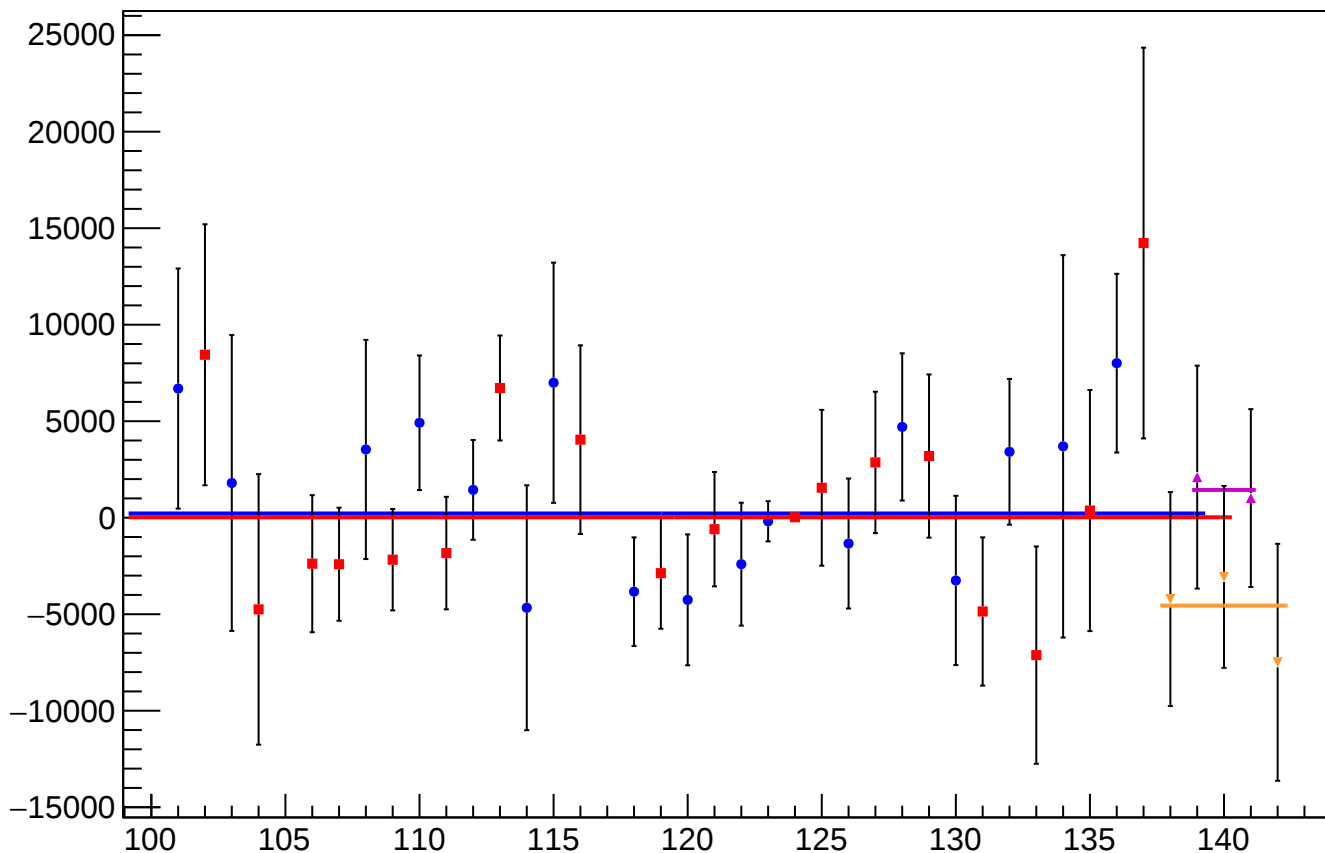
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1723.925+/-0.427 χ^2/NDF : 245114.6/18

Out: 1787.370+/-0.430 χ^2/NDF : 448734.6/20

All: 1755.472+/-0.303 χ^2/NDF : 704817.9/39

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 ± 720.915 χ^2/NDF : 15.8/16

Left Out: -4553.653 ± 3099.168 χ^2/NDF : 0.3/2

Right Out: 21.945 ± 114.135 χ^2/NDF : 18.6/17

Left In: 1439.312 ± 3601.813 χ^2/NDF : 0.0/1

Left: -2004.191 ± 2349.224 χ^2/NDF : 1.9/4

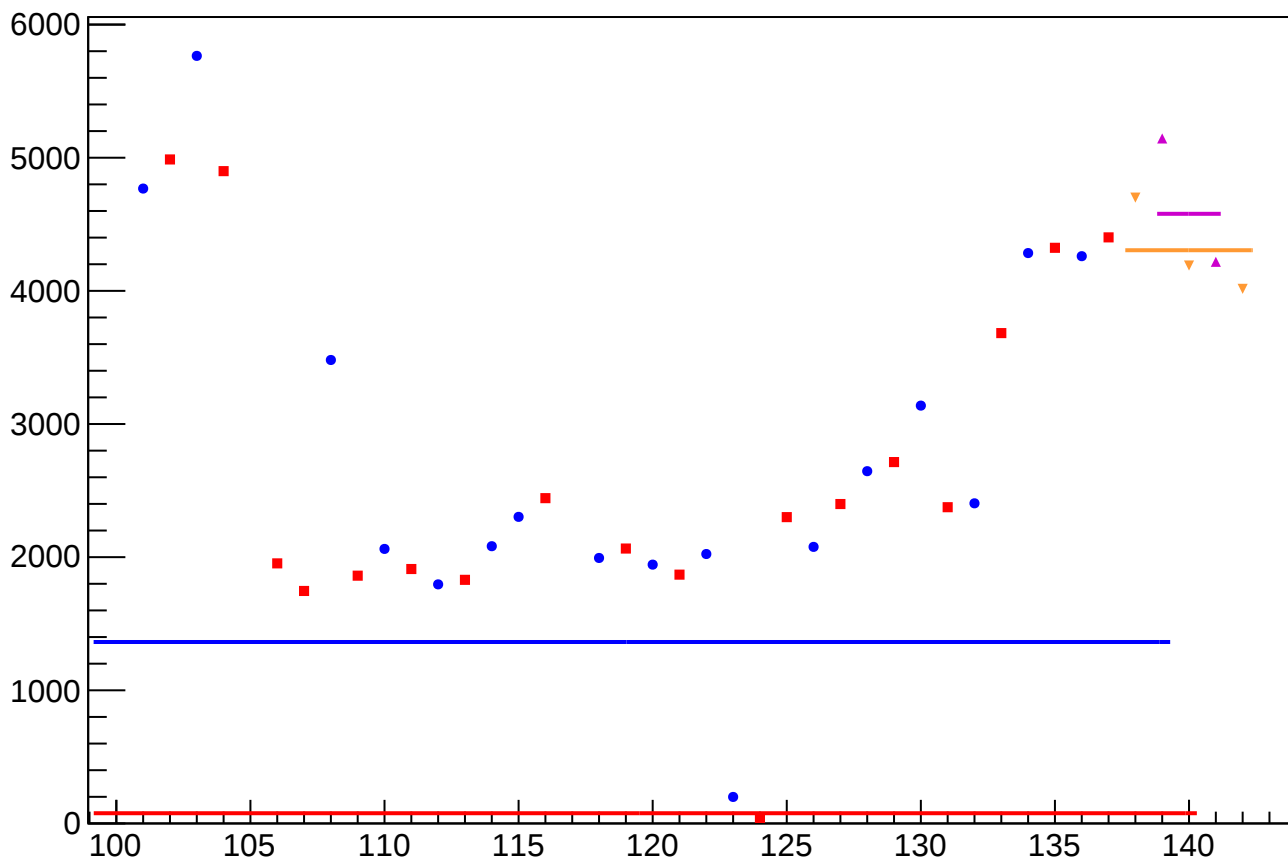
Right: 26.783 ± 112.731 χ^2/NDF : 34.5/34

In: 266.782 ± 706.895 χ^2/NDF : 16.0/18

Out: 15.747 ± 114.058 χ^2/NDF : 21.1/20

All: 22.117 ± 112.602 χ^2/NDF : 37.2/39

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 4305.173 $\pm$ 2.191 χ^2 /NDF:15816.8/2

Right Out: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

Left In: 4578.730 $\pm$ 2.547 χ^2 /NDF:31442.6/1

Left: 4421.547 $\pm$ 1.661 χ^2 /NDF: 53888.2/4

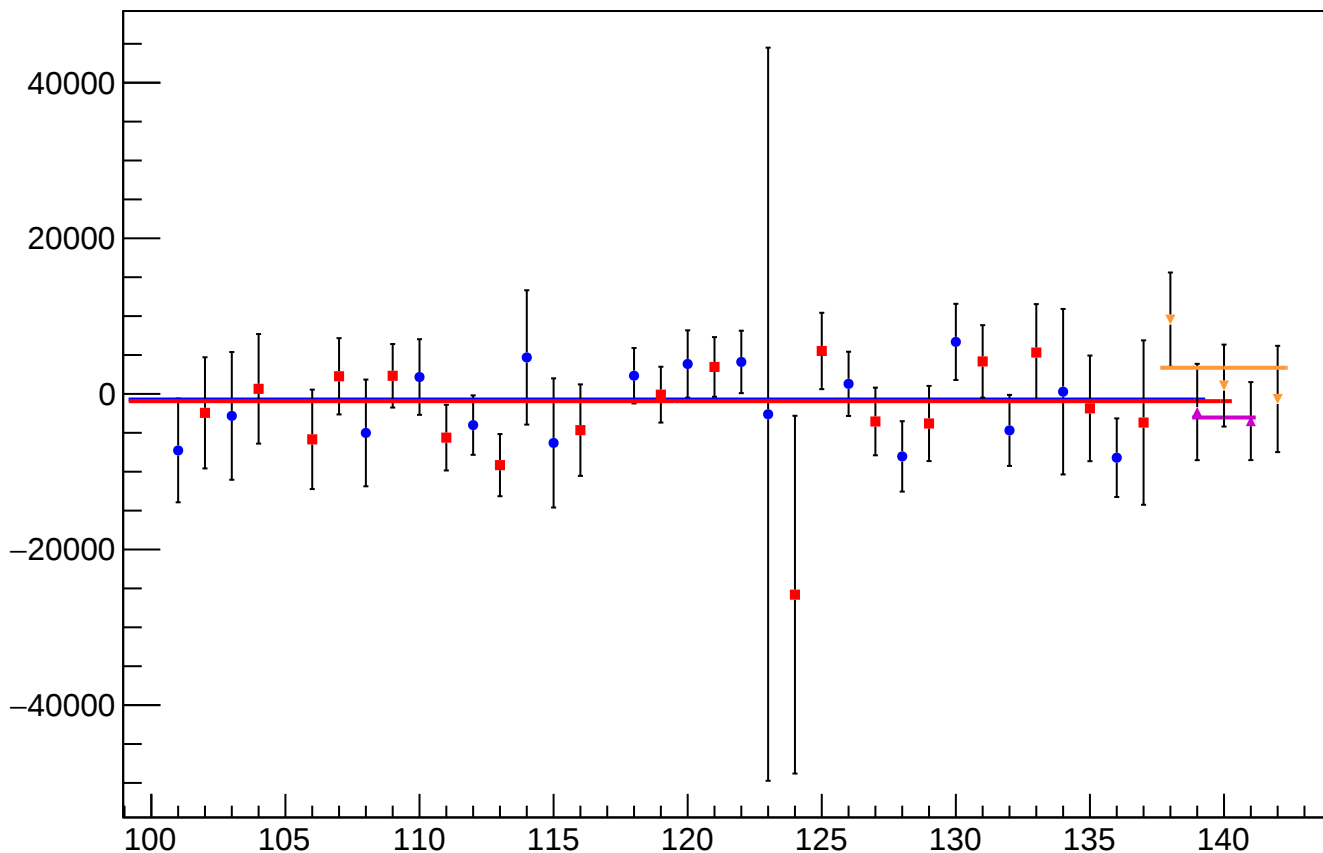
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1486.712 $\pm$ 0.500 χ^2 /NDF:7800248.0/18

Out: 82.559 $\pm$ 0.081 χ^2 /NDF:16848032.7/20

All: 118.187 $\pm$ 0.080 χ^2 /NDF: 32339372.4/39

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: 3359.924+/-3436.187 χ^2/NDF : 1.6/2

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: -3032.775+/-3896.267 χ^2/NDF : 0.0/1

Left: 563.116+/-2577.139 χ^2/NDF : 3.1/4

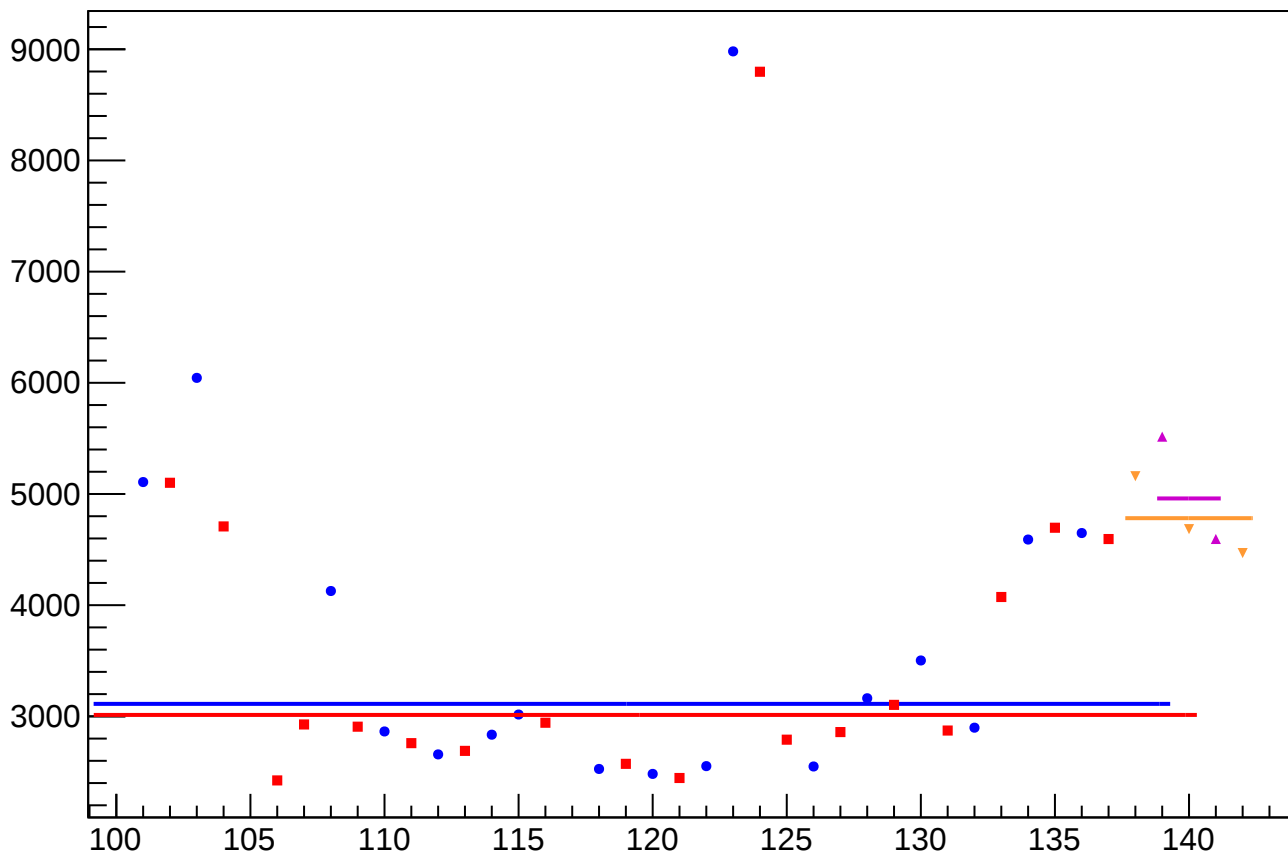
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -937.962+/-1192.421 χ^2/NDF : 15.1/18

Out: -469.044+/-1128.237 χ^2/NDF : 17.9/20

All: -690.544+/-819.535 χ^2/NDF : 33.0/39

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4782.455+/-2.430 χ^2/NDF :12676.8/2

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4959.876+/-2.755 χ^2/NDF :26684.3/1

Left: 4860.077+/-1.822 χ^2/NDF : 41693.8/4

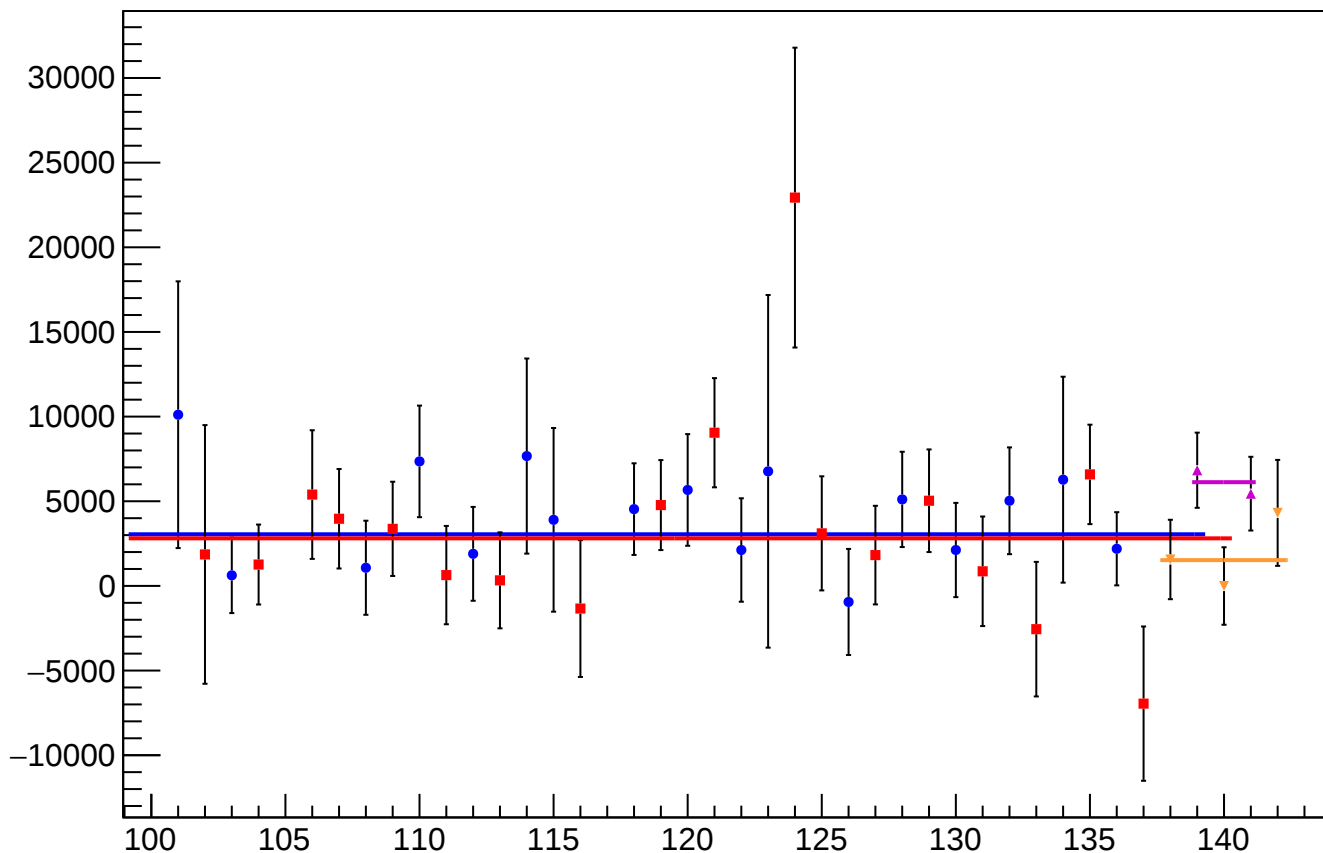
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3285.283+/-0.843 χ^2/NDF :1392806.4/18

Out: 3199.300+/-0.789 χ^2/NDF :1261506.0/20

All: 3239.433+/-0.576 χ^2/NDF : 2659857.7/39

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 1522.390+/-1450.993 χ^2/NDF :1.2/2

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 6126.673+/-1554.425 χ^2/NDF :0.2/1

Left: 3666.261+/-1060.689 χ^2/NDF : 6.1/4

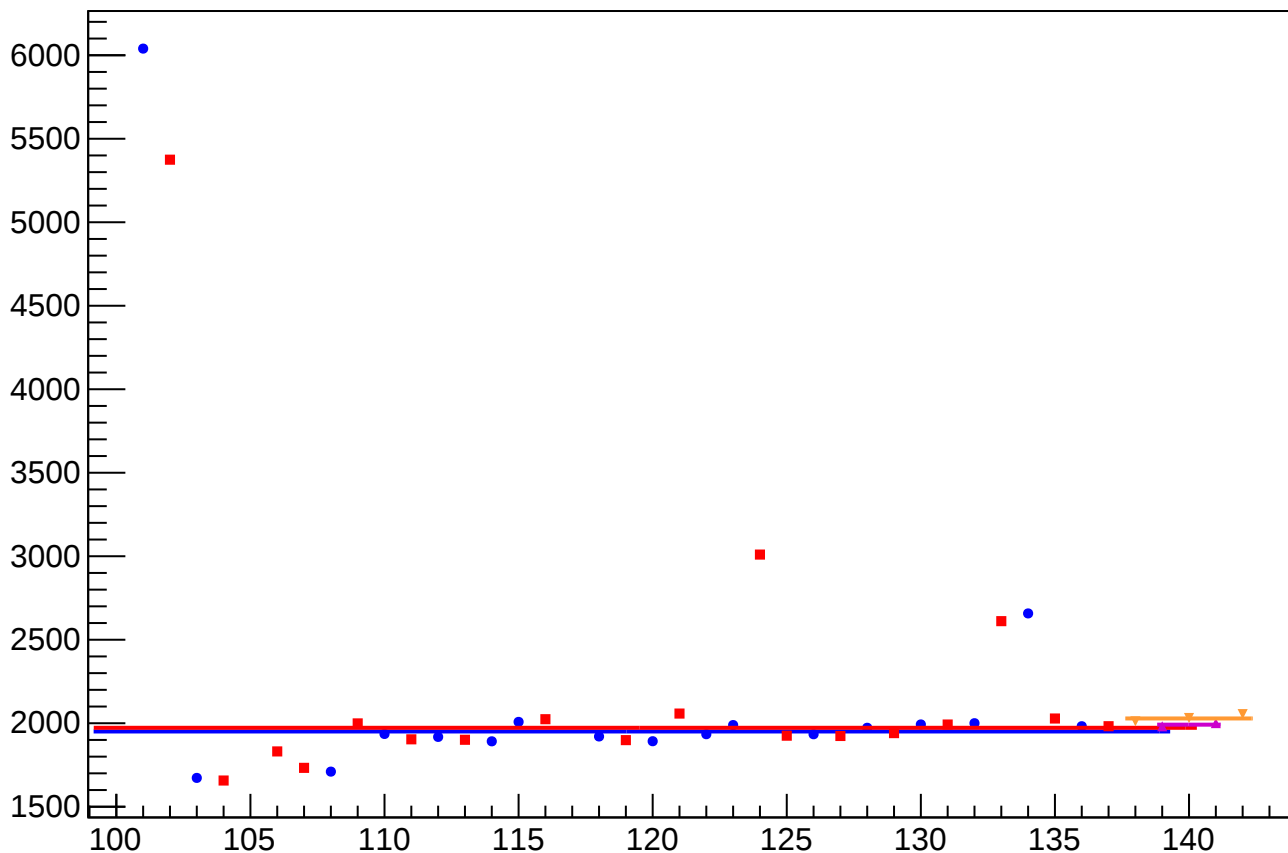
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3658.406+/-691.653 χ^2/NDF :12.6/18

Out: 2528.550+/-677.548 χ^2/NDF :23.9/20

All: 3081.840+/-484.008 χ^2/NDF : 37.9/39

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 ± 0.546 $\chi^2/\text{NDF}: 615165.3/16$

Left Out: 2028.605 ± 1.026 $\chi^2/\text{NDF}: 251.3/2$

Right Out: 1972.726 ± 0.541 $\chi^2/\text{NDF}: 535670.1/17$

Left In: 1991.462 ± 1.099 $\chi^2/\text{NDF}: 76.3/1$

Left: 2011.310 ± 0.750 $\chi^2/\text{NDF}: 937.7/4$

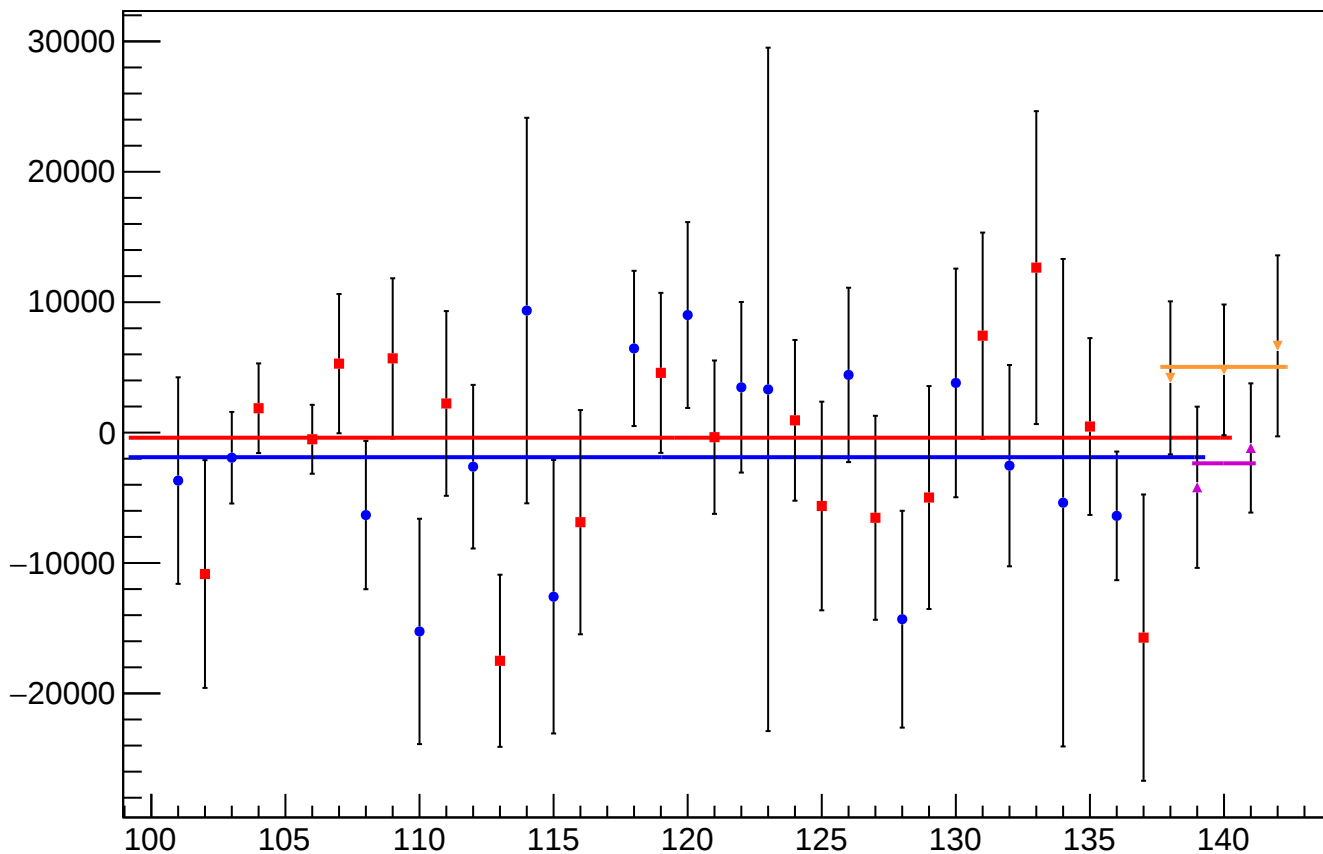
Right: 1961.803 ± 0.385 $\chi^2/\text{NDF}: 1151656.3/34$

In: 1958.764 ± 0.489 $\chi^2/\text{NDF}: 616345.0/18$

Out: 1984.898 ± 0.479 $\chi^2/\text{NDF}: 538241.4/20$

All: 1972.106 ± 0.342 $\chi^2/\text{NDF}: 1156044.3/39$

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 5038.783 ± 3339.969 $\chi^2/\text{NDF}: 0.1/2$

Right Out: -391.453 ± 1361.685 $\chi^2/\text{NDF}: 17.6/17$

Left In: -2357.316 ± 3865.867 $\chi^2/\text{NDF}: 0.1/1$

Left: 1877.657 ± 2527.356 $\chi^2/\text{NDF}: 2.3/4$

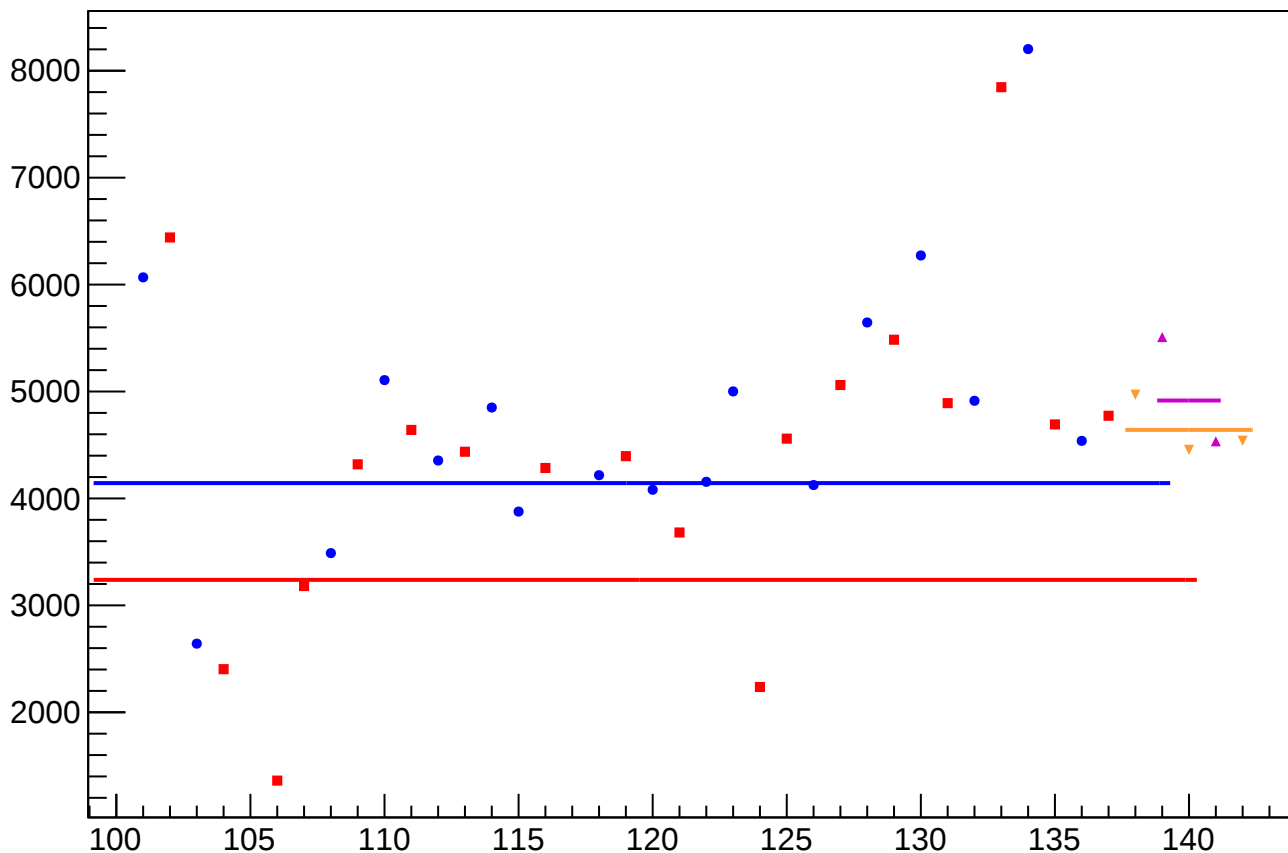
Right: -993.190 ± 1052.280 $\chi^2/\text{NDF}: 32.2/34$

In: -1958.619 ± 1523.755 $\chi^2/\text{NDF}: 14.3/18$

Out: 382.490 ± 1260.920 $\chi^2/\text{NDF}: 19.9/20$

All: -569.047 ± 971.443 $\chi^2/\text{NDF}: 35.6/39$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4641.251+/-2.362 χ^2/NDF : 9488.5/2

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 4915.938+/-2.734 χ^2/NDF : 30304.8/1

Left: 4758.654+/-1.787 χ^2/NDF : 45575.1/4

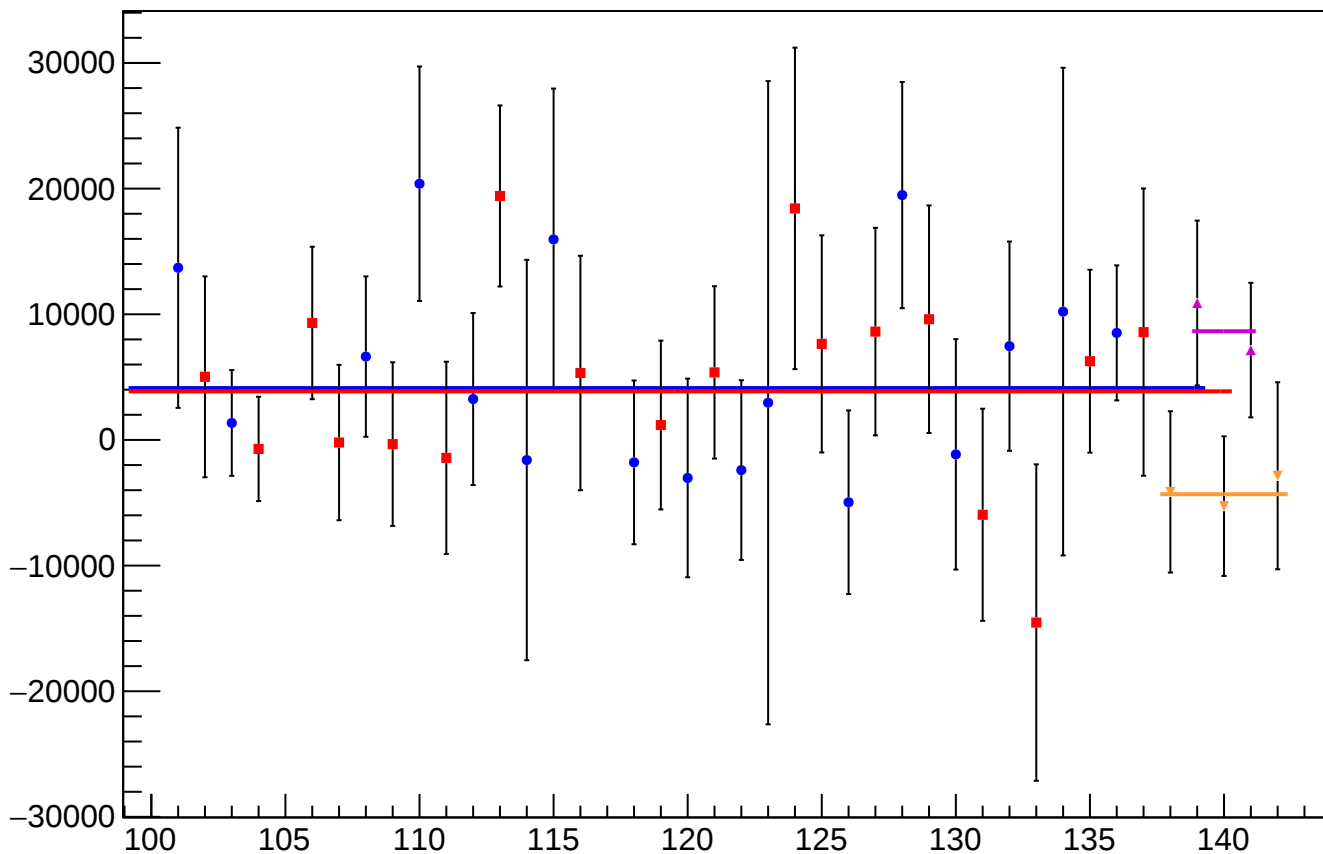
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4263.487+/-1.077 χ^2/NDF : 953724.0/18

Out: 3438.504+/-0.892 χ^2/NDF : 2893911.4/20

All: 3773.816+/-0.687 χ^2/NDF : 4195611.0/39

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: -4317.249 $\pm$ 3658.292 χ^2 /NDF:0.1/2

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 8648.166 $\pm$ 4147.059 χ^2 /NDF:0.2/1

Left: 1356.743 $\pm$ 2743.414 χ^2 /NDF: 5.8/4

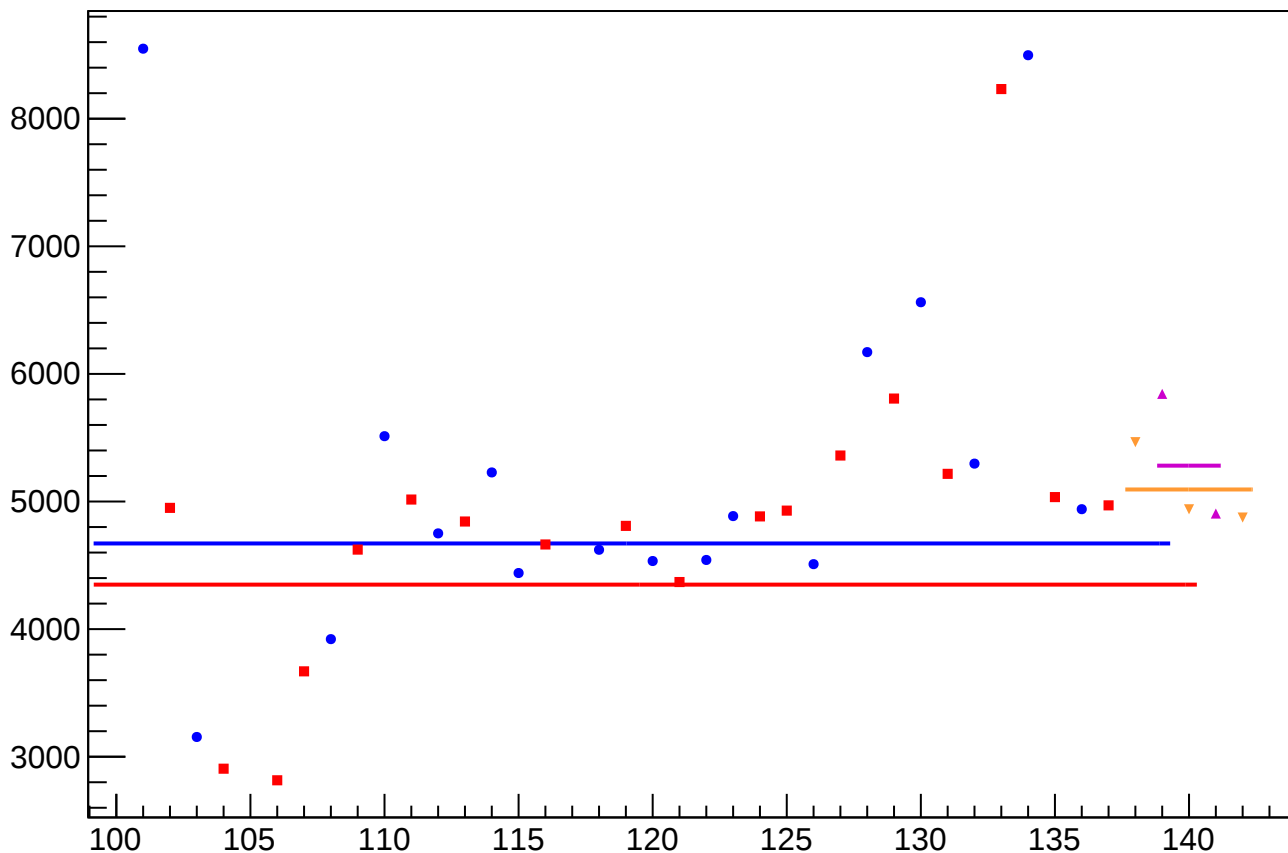
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 4885.942 $\pm$ 1699.444 χ^2 /NDF:14.9/18

Out: 2374.364 $\pm$ 1562.082 χ^2 /NDF:18.4/20

All: 3524.563 $\pm$ 1150.059 χ^2 /NDF: 34.5/39

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 5094.366+/-2.587 χ^2/NDF : 9982.7/2

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5281.041+/-2.932 χ^2/NDF : 24557.2/1

Left: 5176.059+/-1.940 χ^2/NDF : 36818.9/4

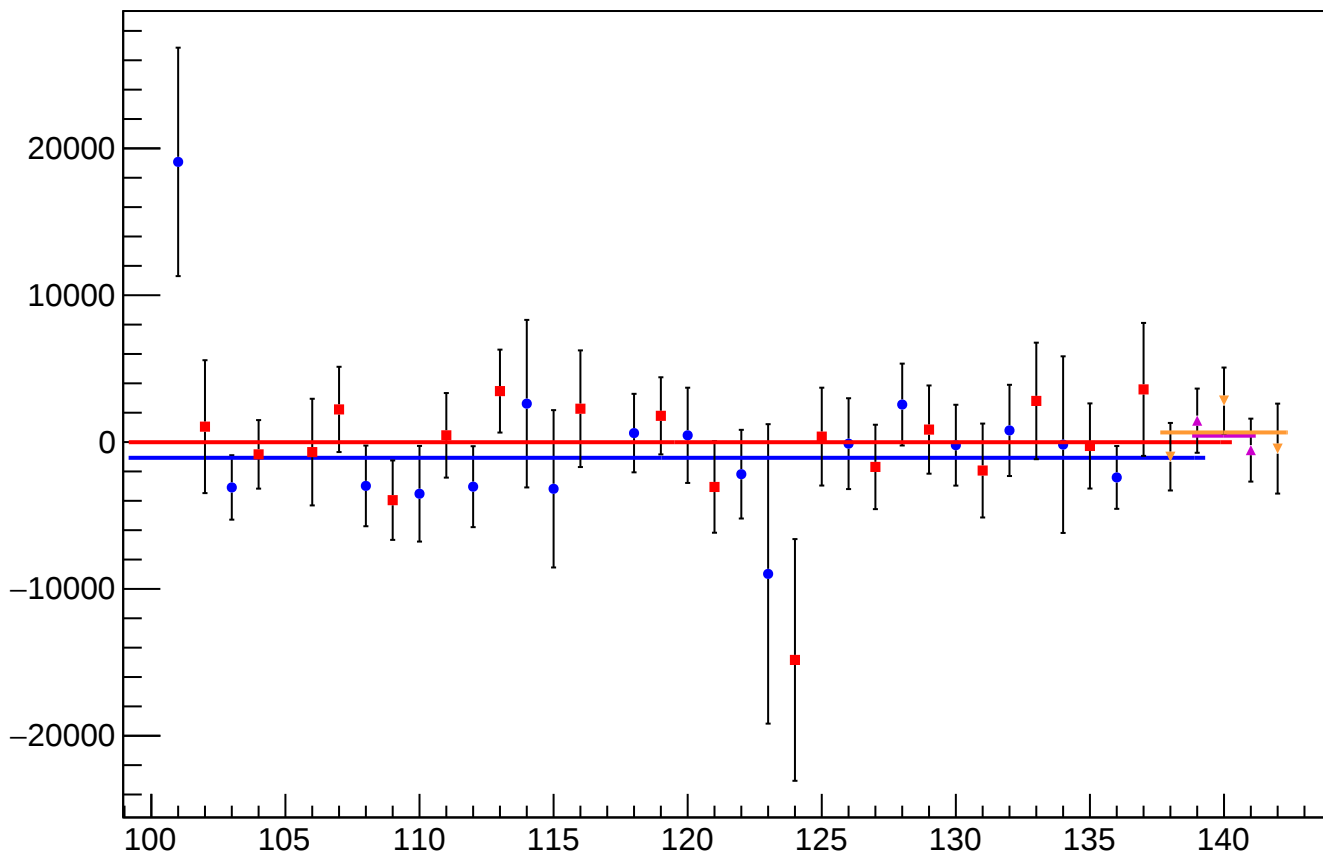
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4773.711+/-1.202 χ^2/NDF : 846641.8/18

Out: 4483.382+/-1.099 χ^2/NDF : 870490.7/20

All: 4615.656+/-0.811 χ^2/NDF : 1748909.6/39

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254+/-762.970 χ^2/NDF : 13.7/16

Left Out: 655.847+/-1423.505 χ^2/NDF : 1.6/2

Right Out: -8.910+/-748.092 χ^2/NDF : 11.4/17

Left In: 434.715+/-1530.458 χ^2/NDF : 0.4/1

Left: 553.277+/-1042.332 χ^2/NDF : 2.0/4

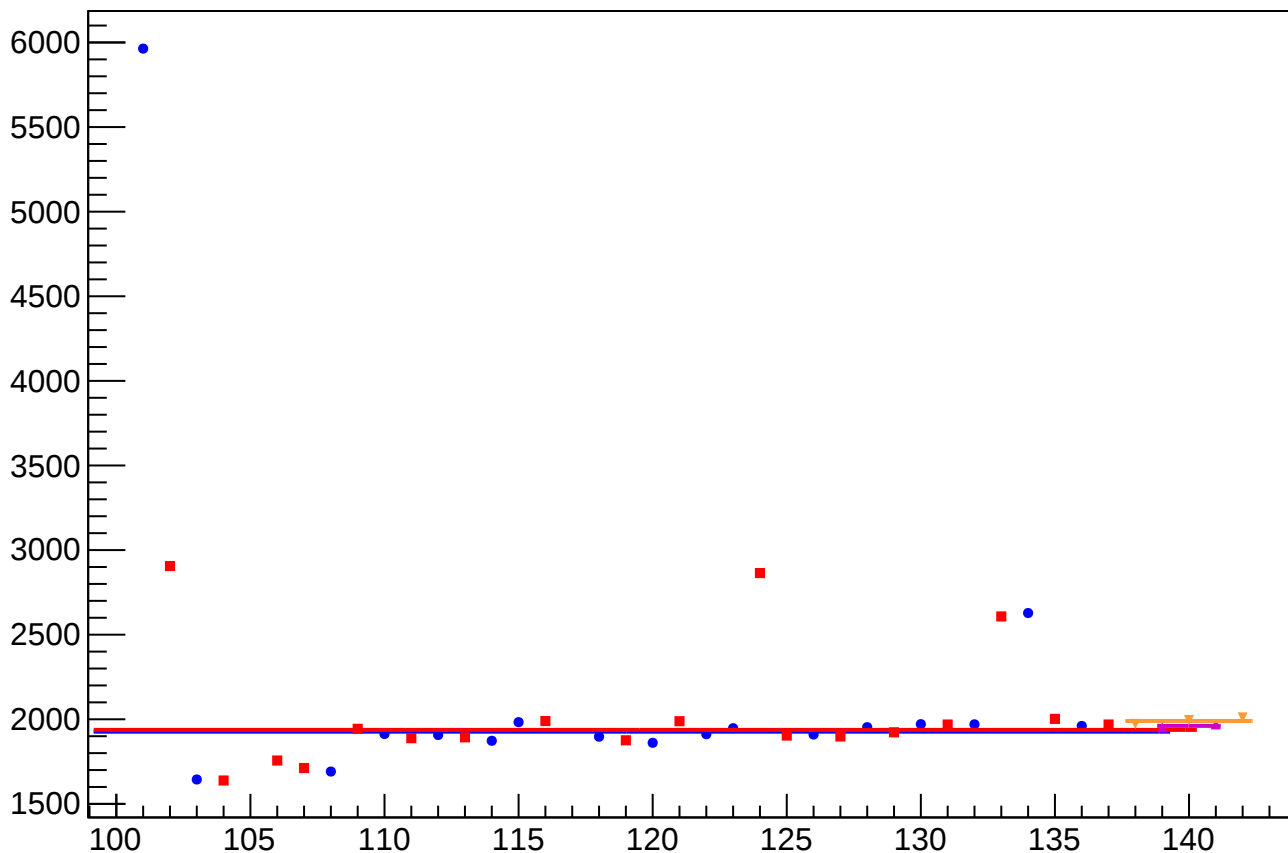
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -771.482+/-682.824 χ^2/NDF : 14.9/18

Out: 134.951+/-662.215 χ^2/NDF : 13.2/20

All: -304.380+/-475.376 χ^2/NDF : 29.0/39

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 +/- 0.540 χ^2/NDF : 617116.3/16

Left Out: 1990.083 +/- 1.007 χ^2/NDF : 222.2/2

Right Out: 1937.280 +/- 0.529 χ^2/NDF : 229079.5/17

Left In: 1961.093 +/- 1.082 χ^2/NDF : 69.9/1

Left: 1976.636 +/- 0.737 χ^2/NDF : 676.8/4

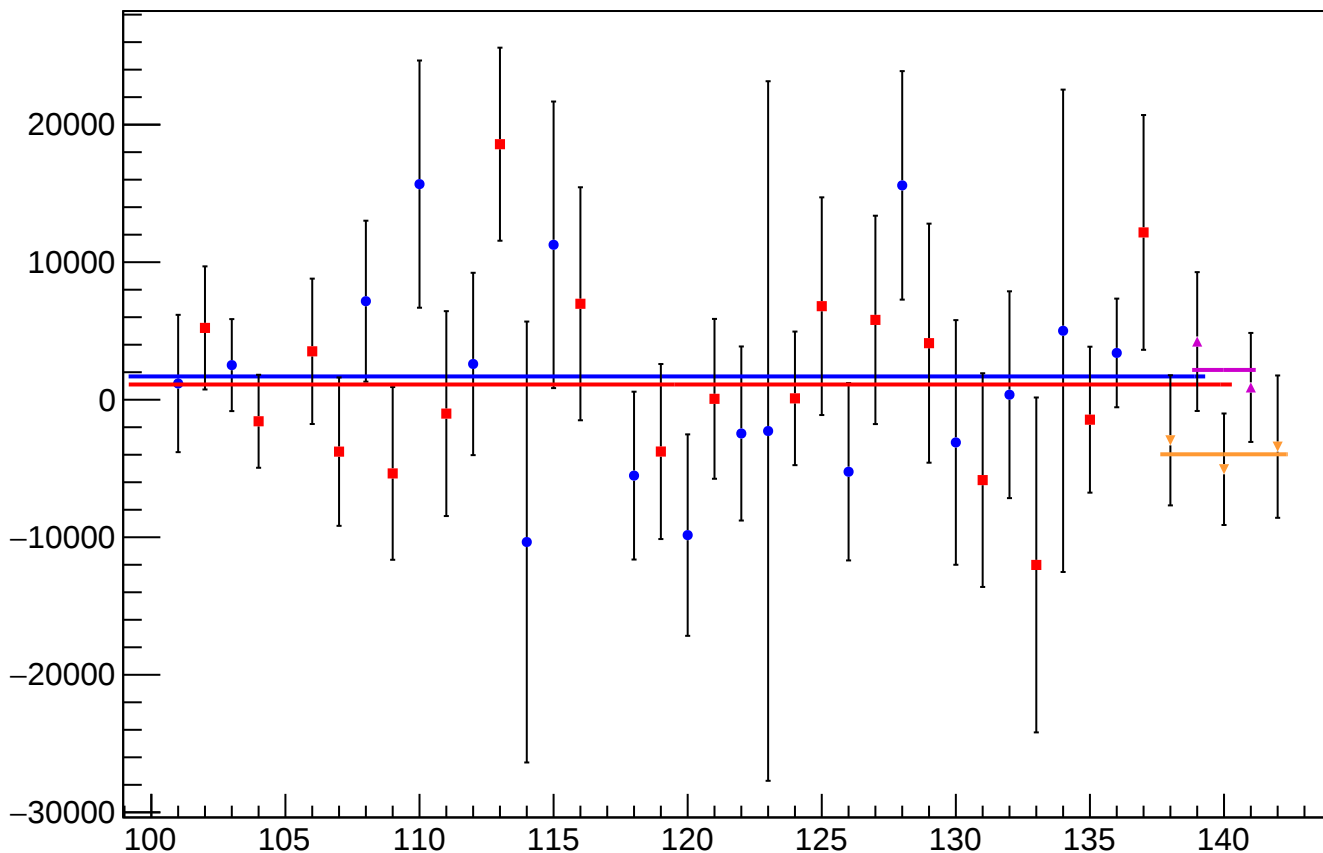
Right: 1932.191 +/- 0.378 χ^2/NDF : 846384.9/34

In: 1933.698 +/- 0.483 χ^2/NDF : 617986.2/18

Out: 1948.693 +/- 0.468 χ^2/NDF : 231458.7/20

All: 1941.430 +/- 0.336 χ^2/NDF : 849942.2/39

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -3967.417+/-2645.671 χ^2/NDF : 0.1/2

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: 2166.078+/-3116.954 χ^2/NDF : 0.3/1

Left: -1398.950+/-2017.035 χ^2/NDF : 2.7/4

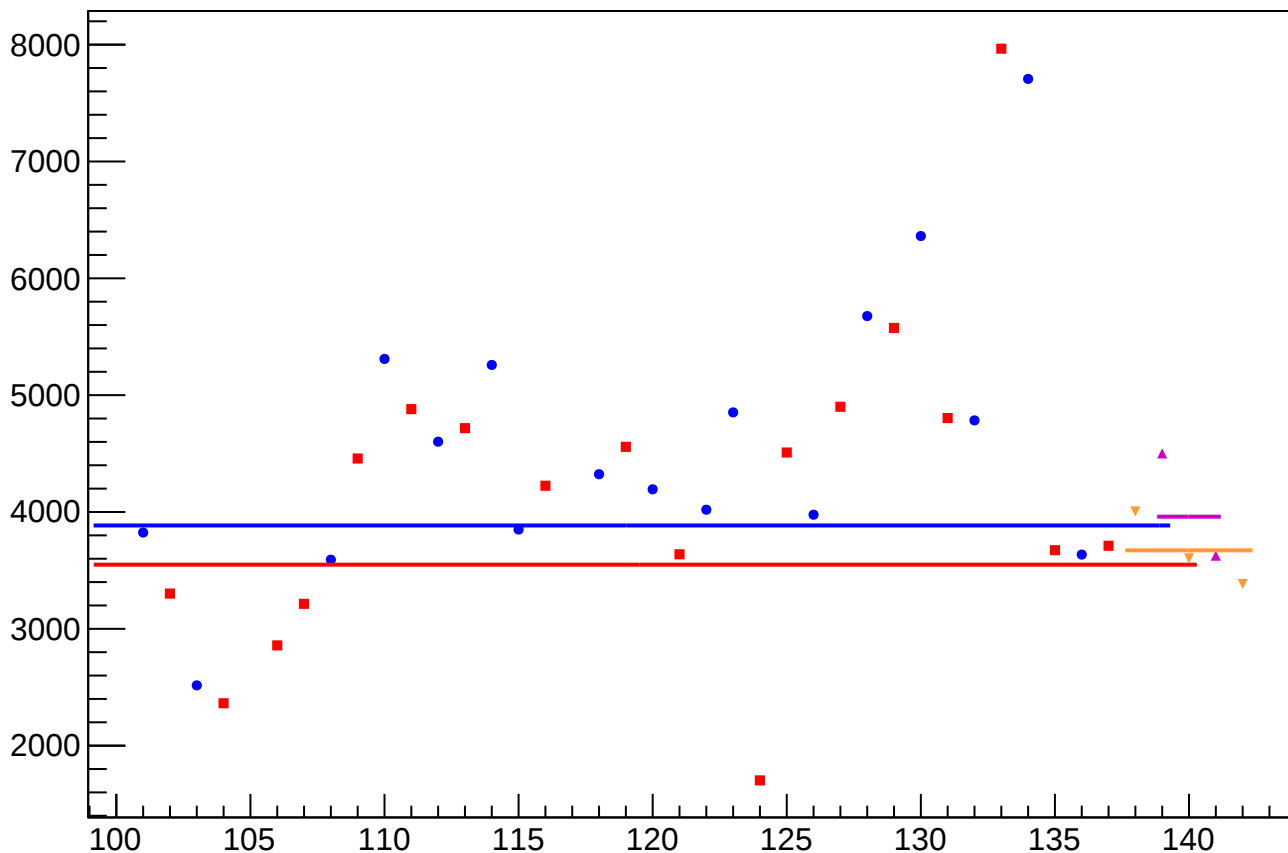
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 1787.755+/-1389.262 χ^2/NDF : 13.9/18

Out: -18.103+/-1246.170 χ^2/NDF : 18.9/20

All: 787.064+/-927.653 χ^2/NDF : 33.7/39

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3671.710+/-1.871 χ^2/NDF : 16687.1/2

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3960.043+/-2.204 χ^2/NDF : 37190.2/1

Left: 3792.453+/-1.426 χ^2/NDF : 63824.8/4

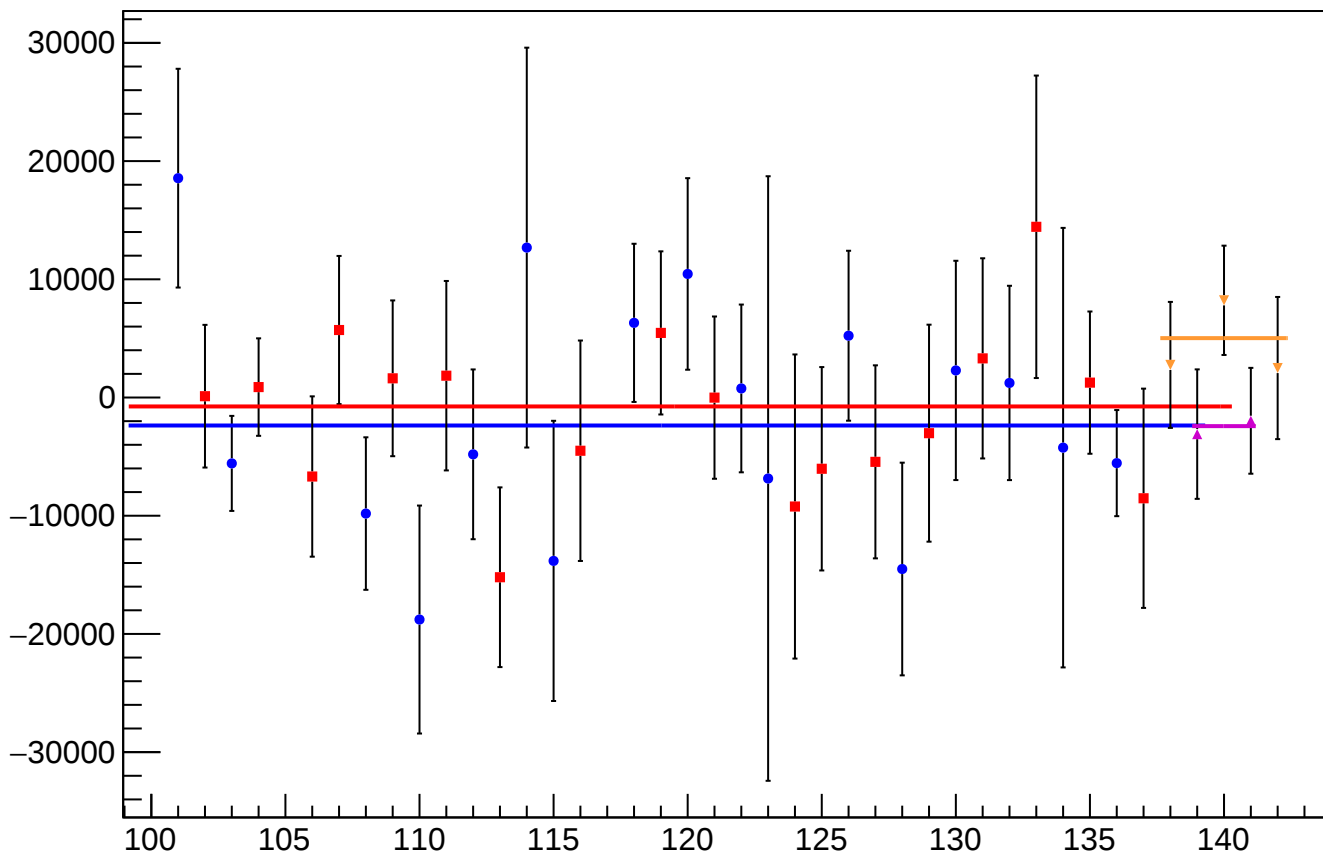
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3899.590+/-0.982 χ^2/NDF : 864692.8/18

Out: 3576.328+/-0.881 χ^2/NDF : 1346975.4/20

All: 3720.459+/-0.656 χ^2/NDF : 2271673.0/39

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF : 20.1/16

Left Out: 5023.455+/-3020.020 χ^2/NDF : 0.8/2

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: -2420.359+/-3466.238 χ^2/NDF : 0.0/1

Left: 1811.228+/-2277.004 χ^2/NDF : 3.5/4

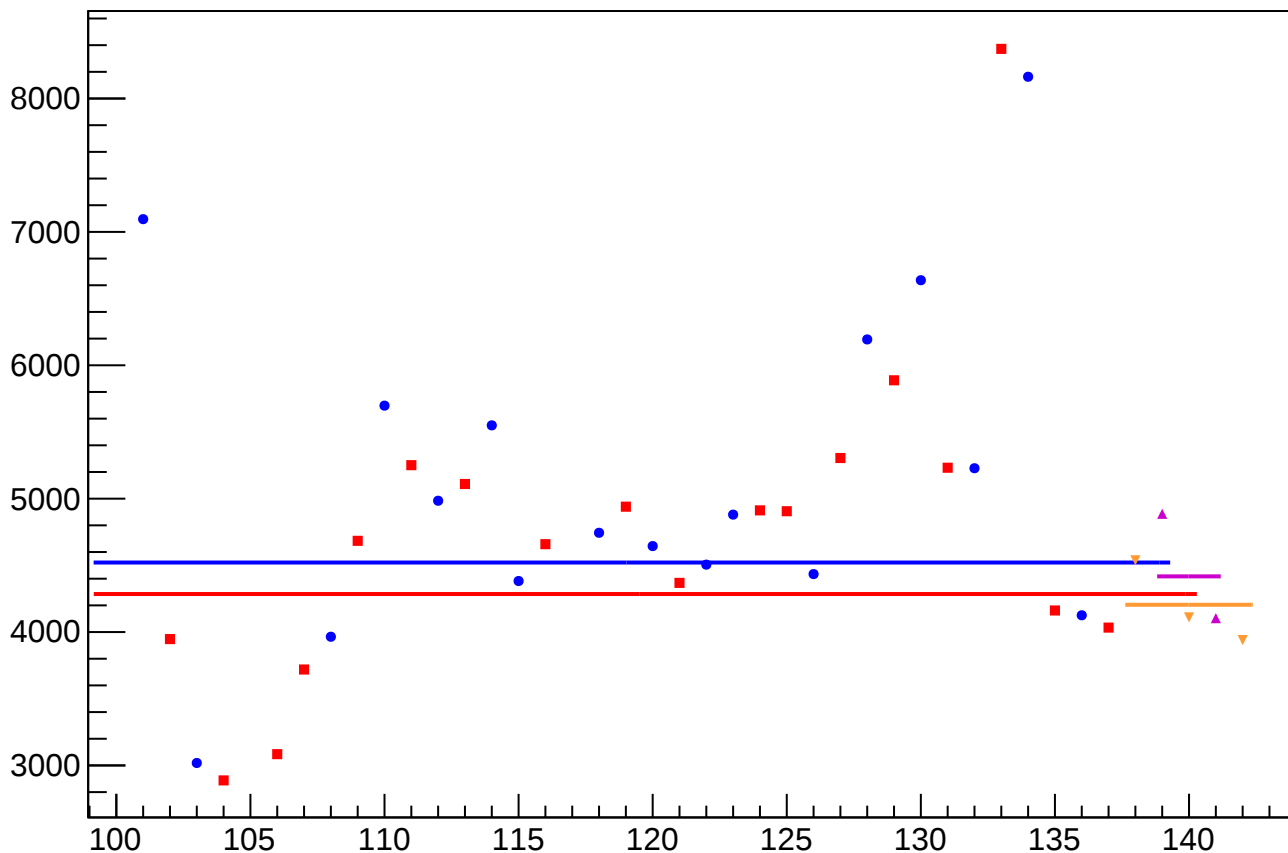
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -2378.767+/-1598.808 χ^2/NDF : 20.2/18

Out: 626.282+/-1476.848 χ^2/NDF : 14.1/20

All: -757.268+/-1084.846 χ^2/NDF : 36.2/39

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4204.512+/-2.135 χ^2/NDF : 12526.4/2

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4417.463+/-2.451 χ^2/NDF : 24469.6/1

Left: 4296.407+/-1.610 χ^2/NDF : 41287.2/4

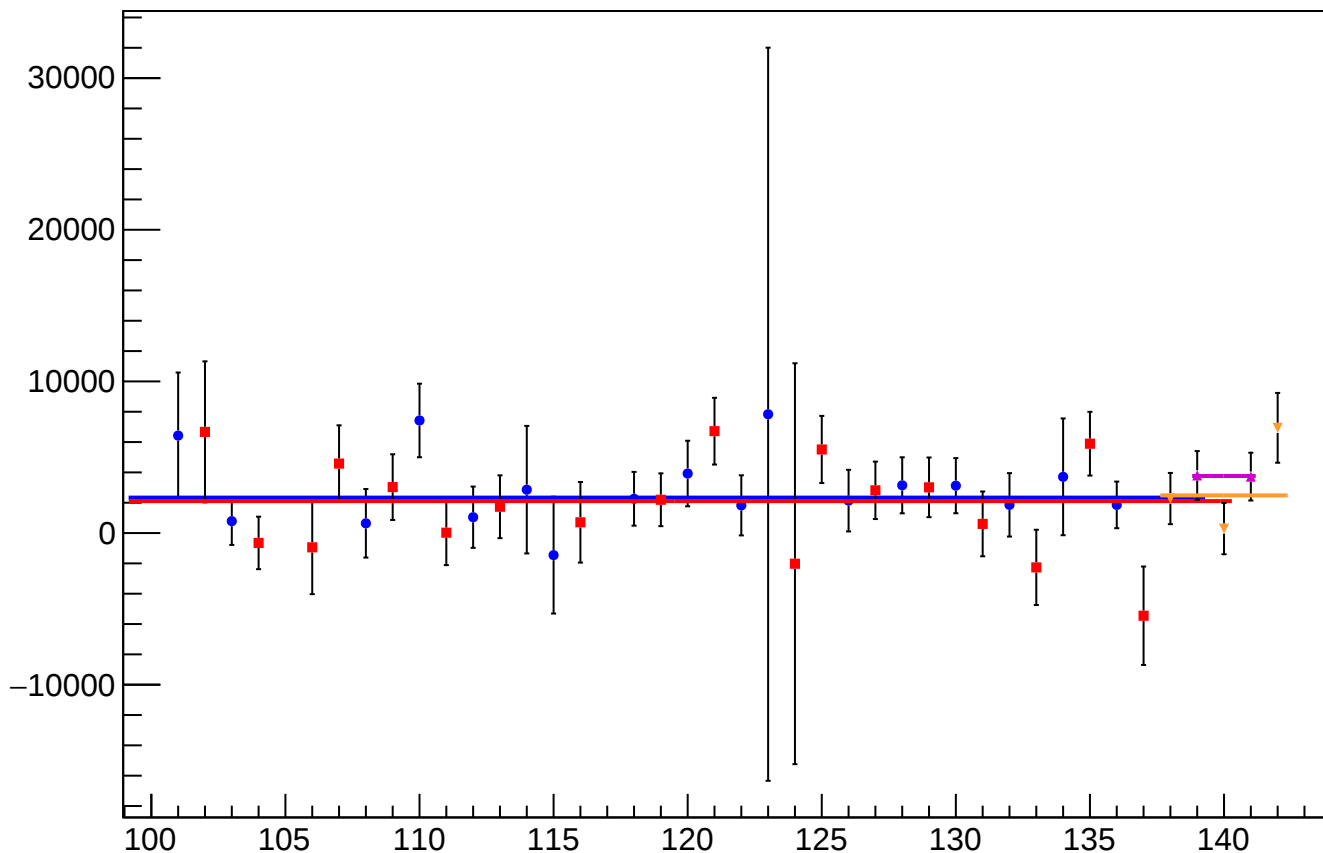
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4499.153+/-1.131 χ^2/NDF : 804555.6/18

Out: 4265.967+/-1.040 χ^2/NDF : 760012.9/20

All: 4372.836+/-0.765 χ^2/NDF : 1587614.9/39

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 2483.230 $\pm$ 1060.274 χ^2 /NDF:5.4/2

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 3761.839 $\pm$ 1124.461 χ^2 /NDF:0.0/1

Left: 3085.002 $\pm$ 771.421 χ^2 /NDF: 6.1/4

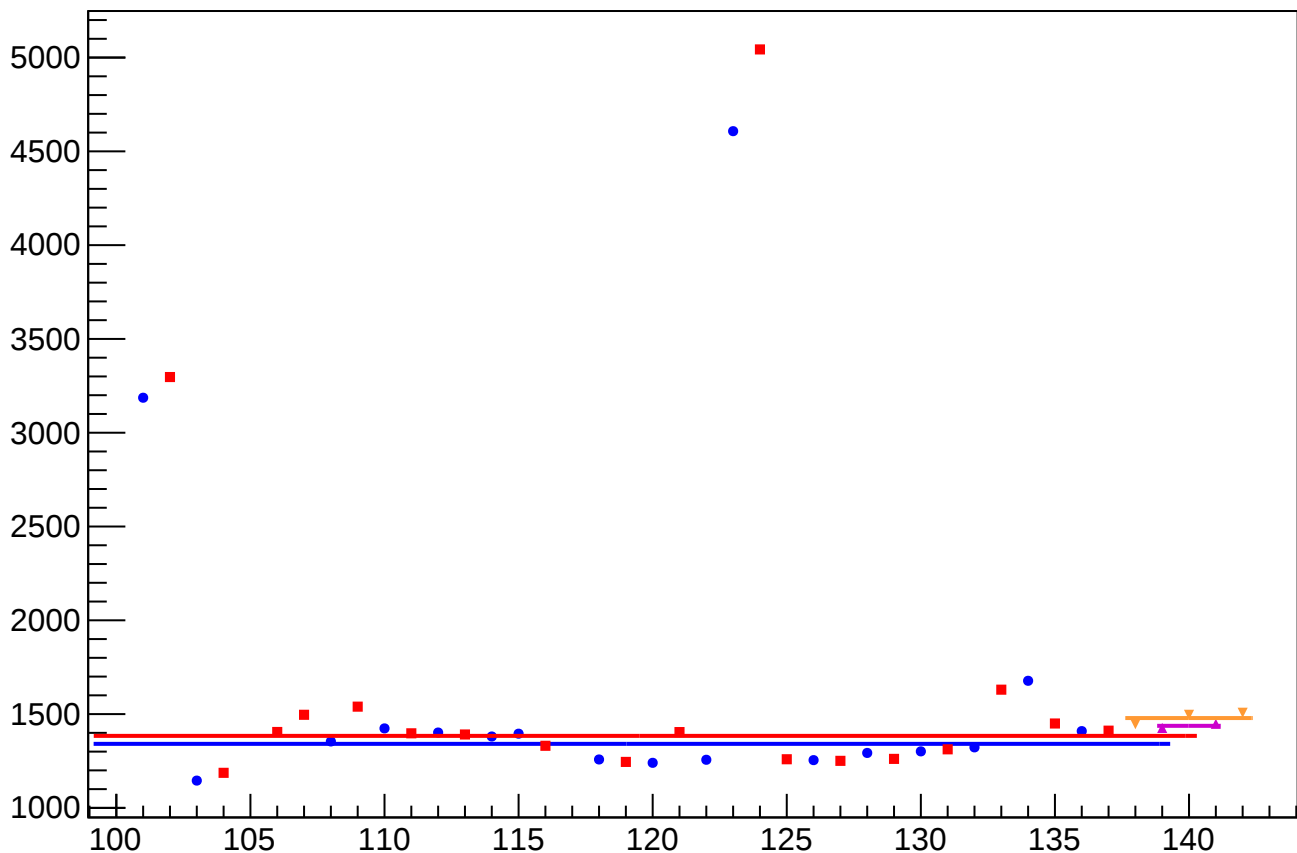
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2596.886 $\pm$ 480.253 χ^2 /NDF:10.9/18

Out: 2184.494 $\pm$ 480.912 χ^2 /NDF:31.9/20

All: 2390.973 $\pm$ 339.823 χ^2 /NDF: 43.2/39

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1478.886+/-0.750 χ^2/NDF :1259.3/2

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1437.482+/-0.795 χ^2/NDF :191.0/1

Left: 1459.400+/-0.545 χ^2/NDF : 2885.7/4

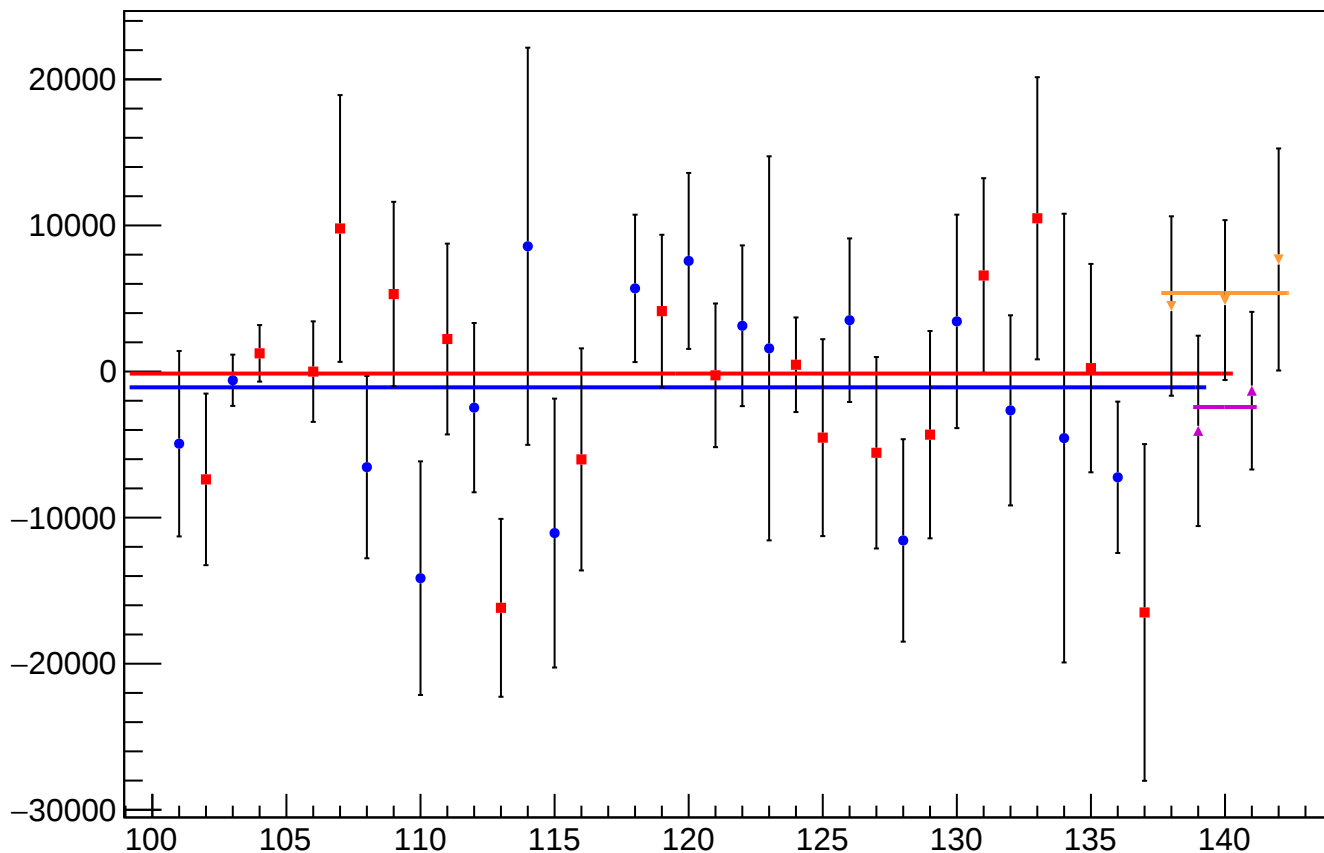
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1358.905+/-0.340 χ^2/NDF :516408.4/18

Out: 1403.440+/-0.340 χ^2/NDF :607852.7/20

All: 1381.150+/-0.240 χ^2/NDF : 1132851.7/39

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: 5374.754 $\pm$ 3598.585 χ^2 /NDF: 0.1/2

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: -2430.311 $\pm$ 4155.936 χ^2 /NDF: 0.1/1

Left: 2030.322 $\pm$ 2720.457 χ^2 /NDF: 2.2/4

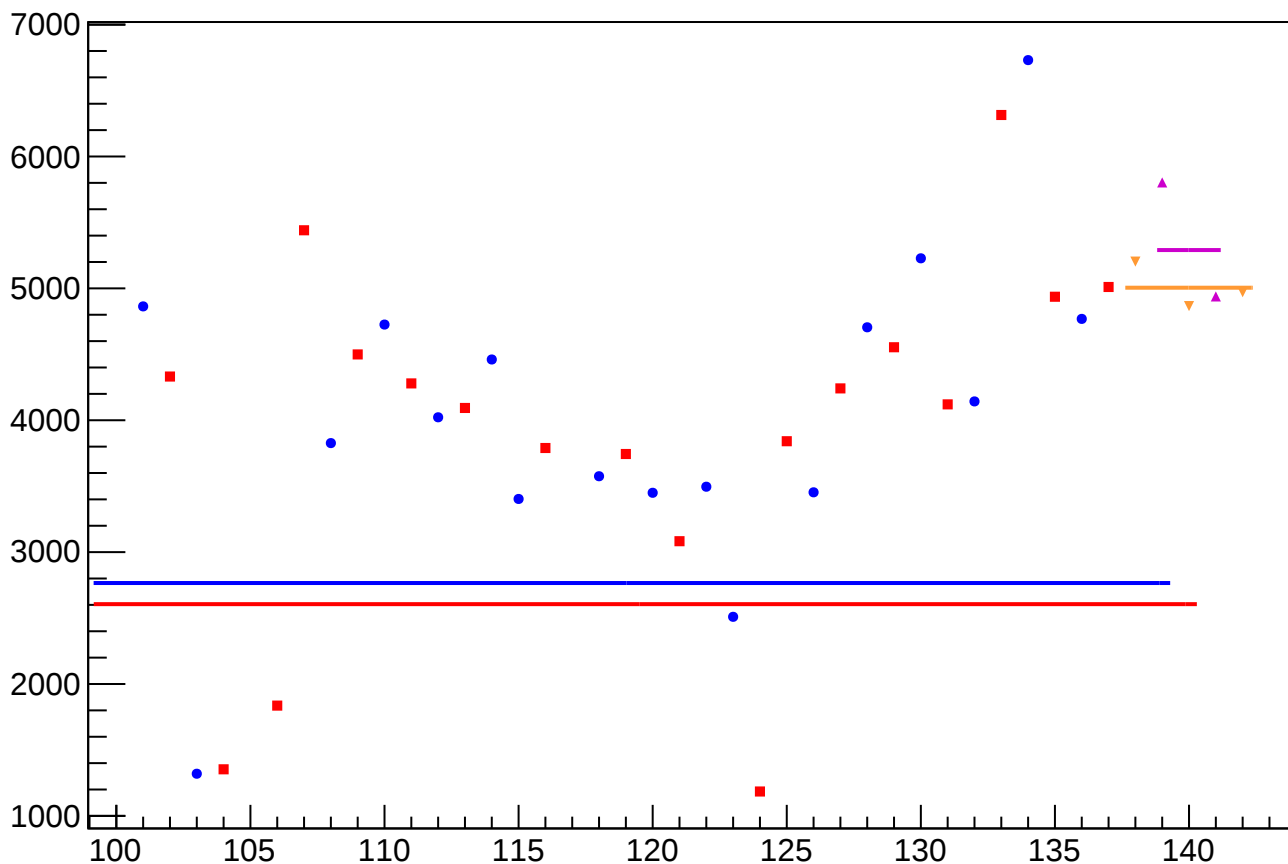
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -1186.860 $\pm$ 1163.870 χ^2 /NDF: 15.2/18

Out: 355.484 $\pm$ 1077.505 χ^2 /NDF: 20.3/20

All: -356.347 $\pm$ 790.682 χ^2 /NDF: 36.4/39

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 5005.012 $\pm$ 2.545 χ^2 /NDF:3417.2/2

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5290.526 $\pm$ 2.939 χ^2 /NDF:20882.2/1

Left: 5127.354 $\pm$ 1.924 χ^2 /NDF: 29694.1/4

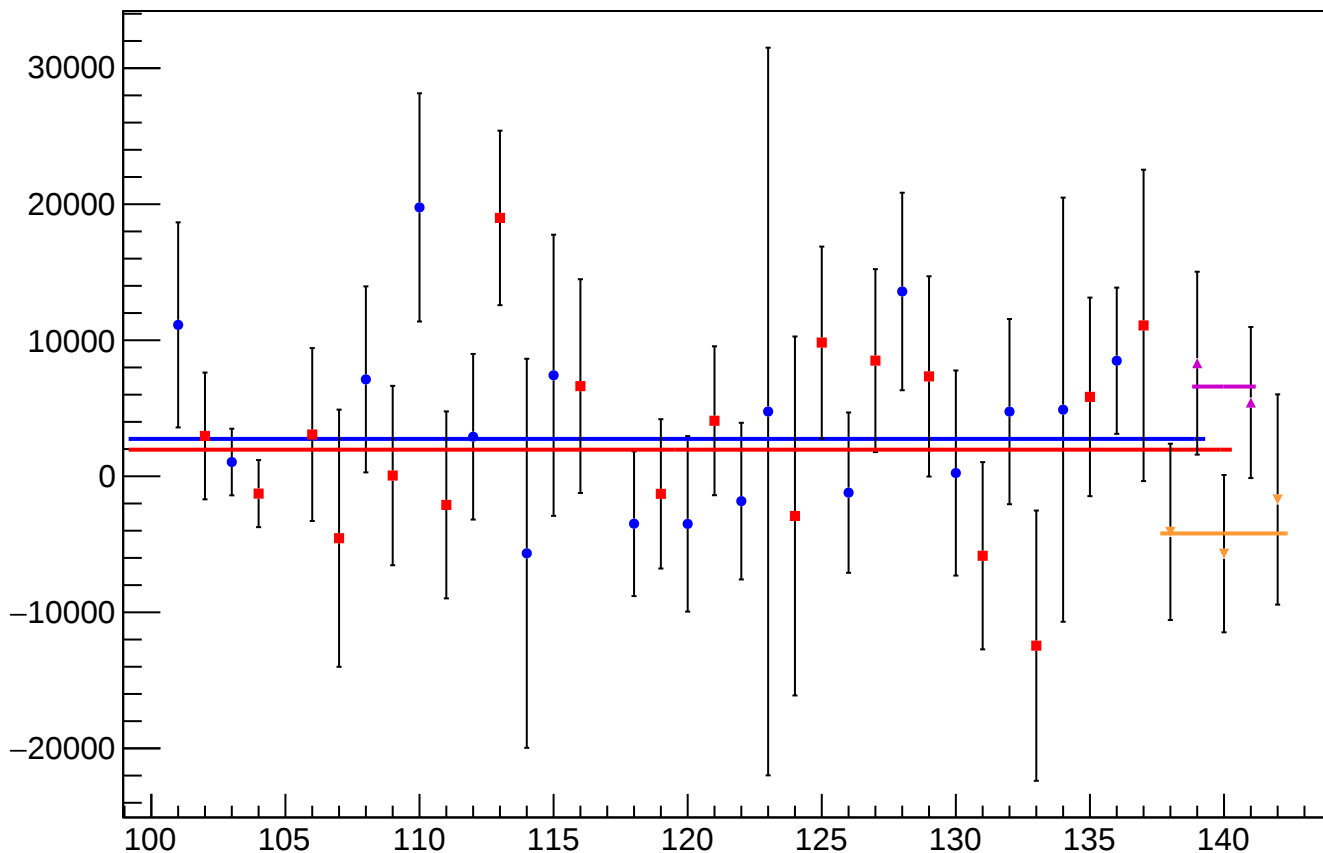
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 2963.750 $\pm$ 0.823 χ^2 /NDF:3640220.7/18

Out: 2820.654 $\pm$ 0.762 χ^2 /NDF:4135236.1/20

All: 2886.697 $\pm$ 0.559 χ^2 /NDF: 7791736.5/39

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -4200.118+/-3766.986 χ^2/NDF : 0.2/2

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 6595.460+/-4280.693 χ^2/NDF : 0.1/1

Left: 511.353+/-2827.935 χ^2/NDF : 3.9/4

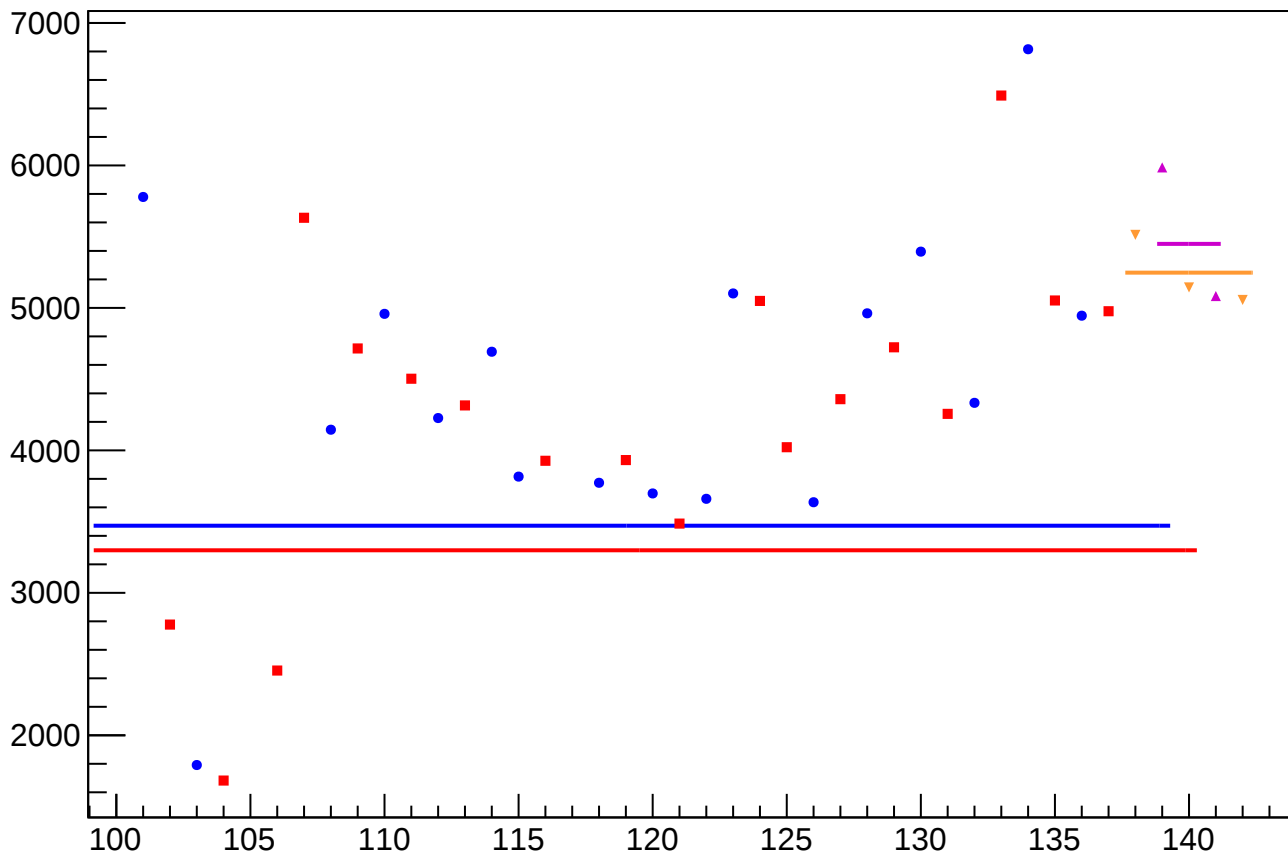
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3142.617+/-1370.494 χ^2/NDF : 14.6/18

Out: 1223.500+/-1299.344 χ^2/NDF : 20.3/20

All: 2131.952+/-942.925 χ^2/NDF : 36.0/39

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 5247.504+/-2.664 χ^2/NDF : 5223.6/2

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5449.391+/-3.027 χ^2/NDF : 21450.5/1

Left: 5335.613+/-2.000 χ^2/NDF : 29181.2/4

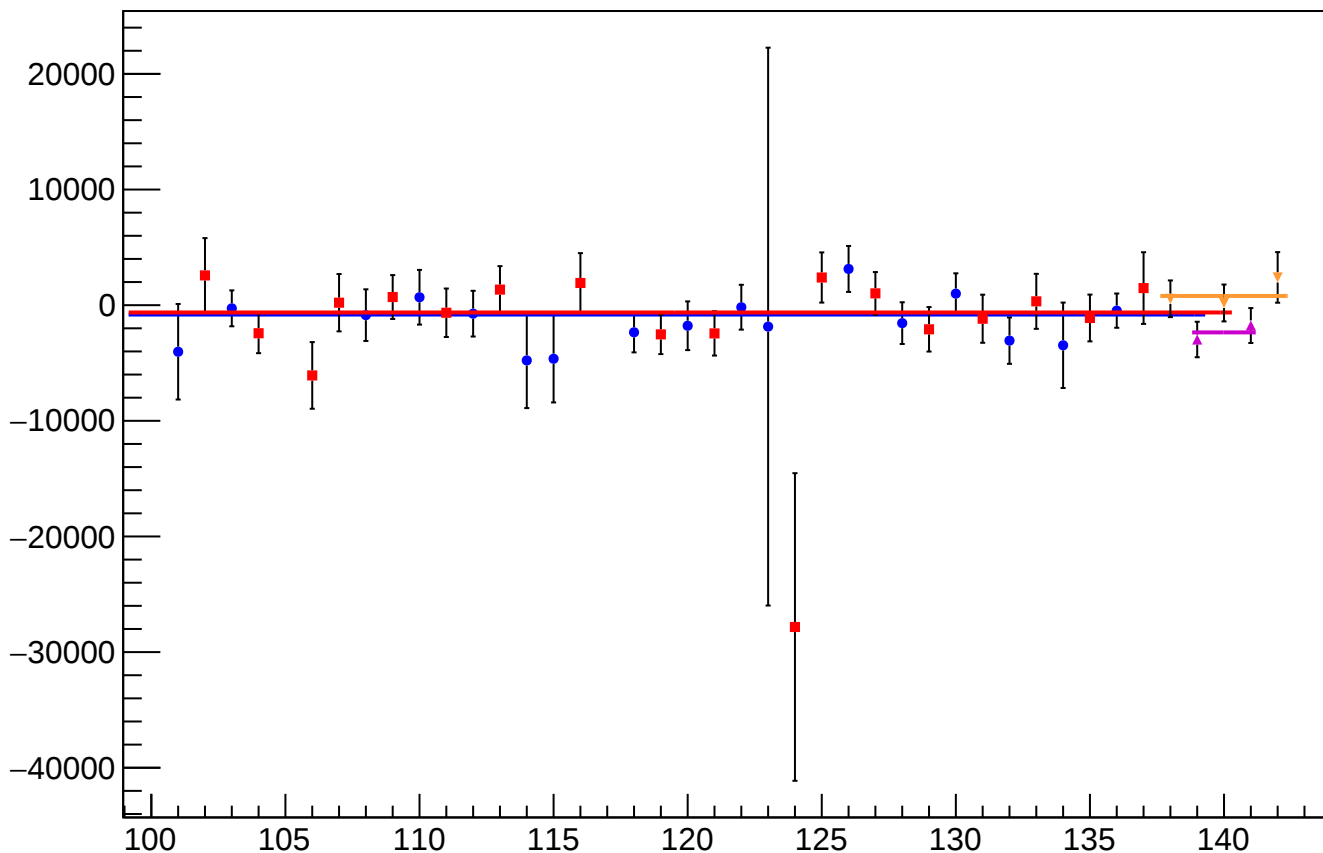
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3673.915+/-0.969 χ^2/NDF : 2172692.8/18

Out: 3526.785+/-0.911 χ^2/NDF : 2363884.8/20

All: 3595.838+/-0.664 χ^2/NDF : 4548810.2/39

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: 797.409+/-1000.109 χ^2/NDF : 0.7/2

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -2353.485+/-1076.508 χ^2/NDF : 0.3/1

Left: -662.272+/-732.706 χ^2/NDF : 5.6/4

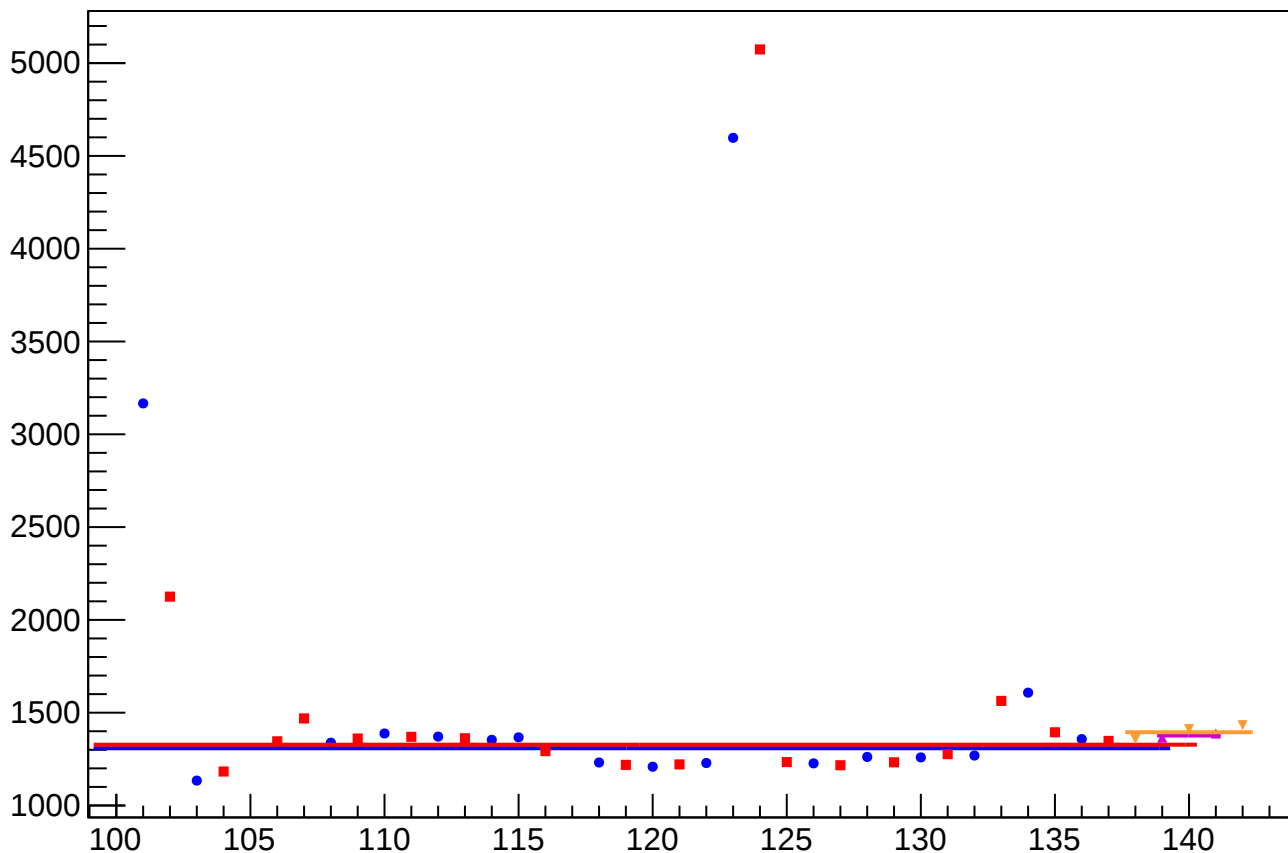
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -1099.562+/-466.912 χ^2/NDF : 13.2/18

Out: -331.406+/-457.812 χ^2/NDF : 20.9/20

All: -707.926+/-326.892 χ^2/NDF : 35.4/39

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1394.506+/-0.707 χ^2/NDF : 1877.1/2

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1376.939+/-0.761 χ^2/NDF : 209.1/1

Left: 1386.368+/-0.518 χ^2/NDF : 2372.1/4

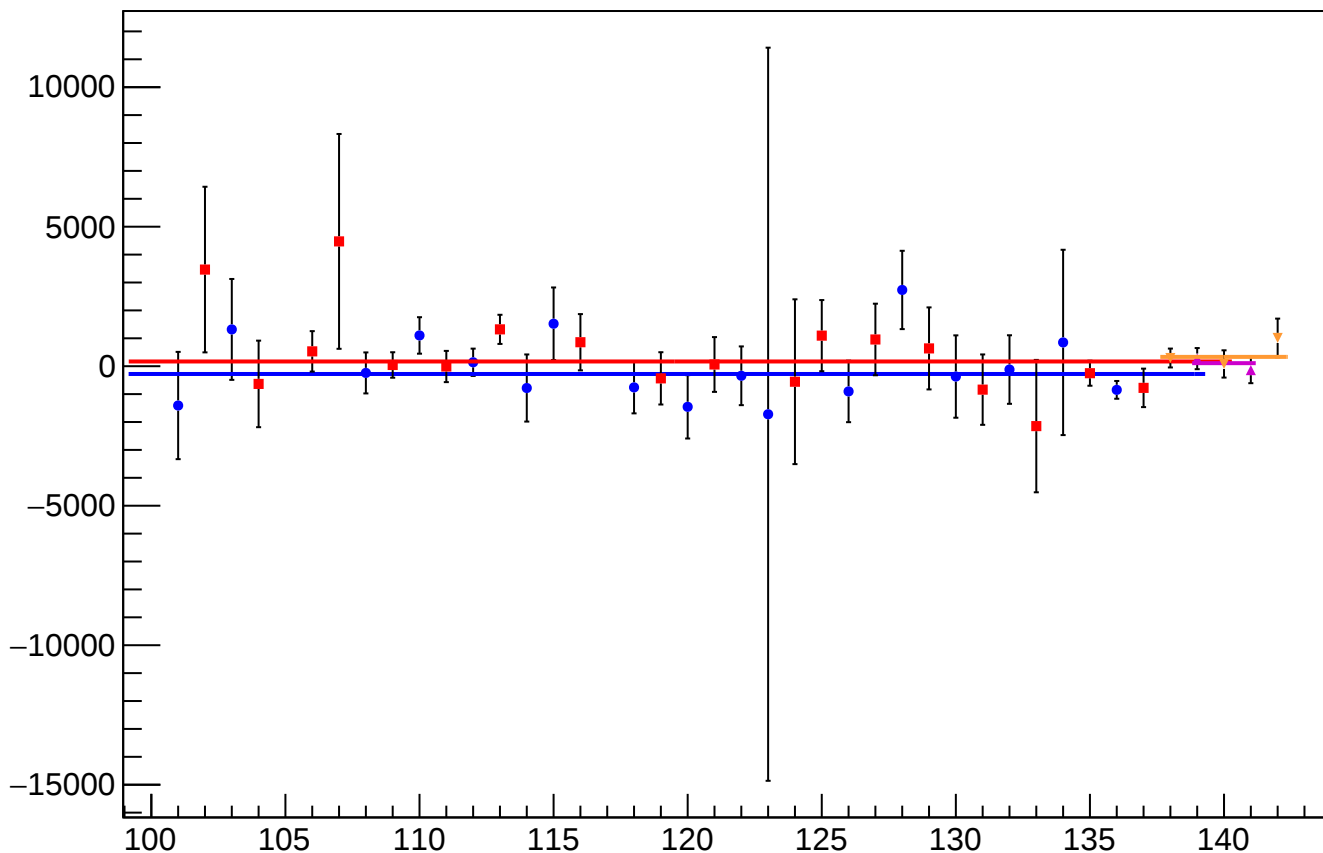
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1321.266+/-0.330 χ^2/NDF : 513342.6/18

Out: 1341.656+/-0.324 χ^2/NDF : 366273.1/20

All: 1331.662+/-0.231 χ^2/NDF : 881560.3/39

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: 334.140+/-258.106 χ^2/NDF : 1.2/2

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 109.209+/-294.621 χ^2/NDF : 0.5/1

Left: 236.470+/-194.143 χ^2/NDF : 2.0/4

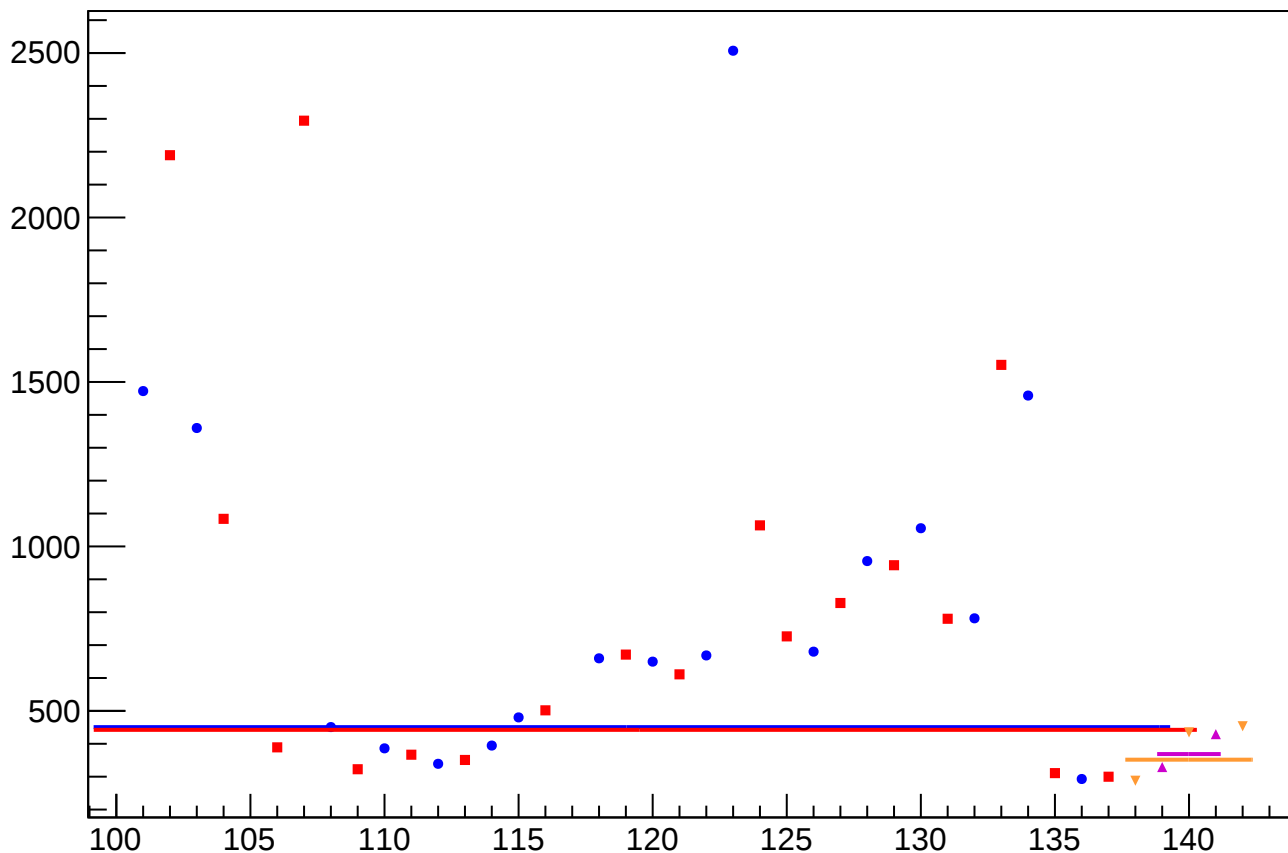
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -157.914+/-164.407 χ^2/NDF : 19.7/18

Out: 228.412+/-154.303 χ^2/NDF : 15.9/20

All: 47.484+/-112.511 χ^2/NDF : 38.5/39

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 351.656+/-0.183 χ^2/NDF : 172170.1/2

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 368.770+/-0.208 χ^2/NDF : 55068.8/1

Left: 359.087+/-0.137 χ^2/NDF : 231056.9/4

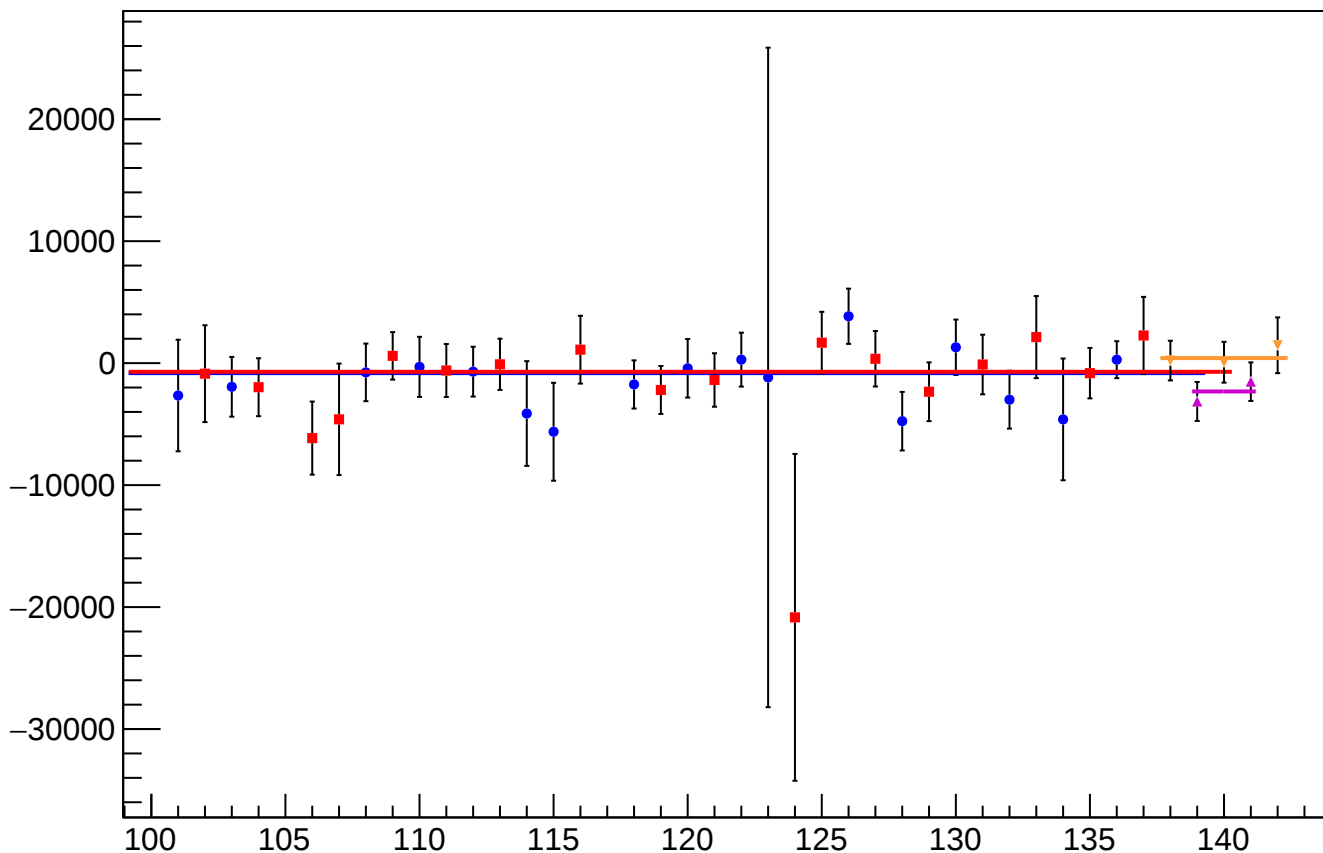
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 425.115+/-0.116 χ^2/NDF : 3159035.0/18

Out: 409.947+/-0.109 χ^2/NDF : 3699244.8/20

All: 417.051+/-0.080 χ^2/NDF : 6867330.5/39

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: 415.520+/-1038.706 χ^2/NDF : 0.3/2

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

Left In: -2322.737+/-1124.055 χ^2/NDF : 0.5/1

Left: -845.716+/-762.867 χ^2/NDF : 4.0/4

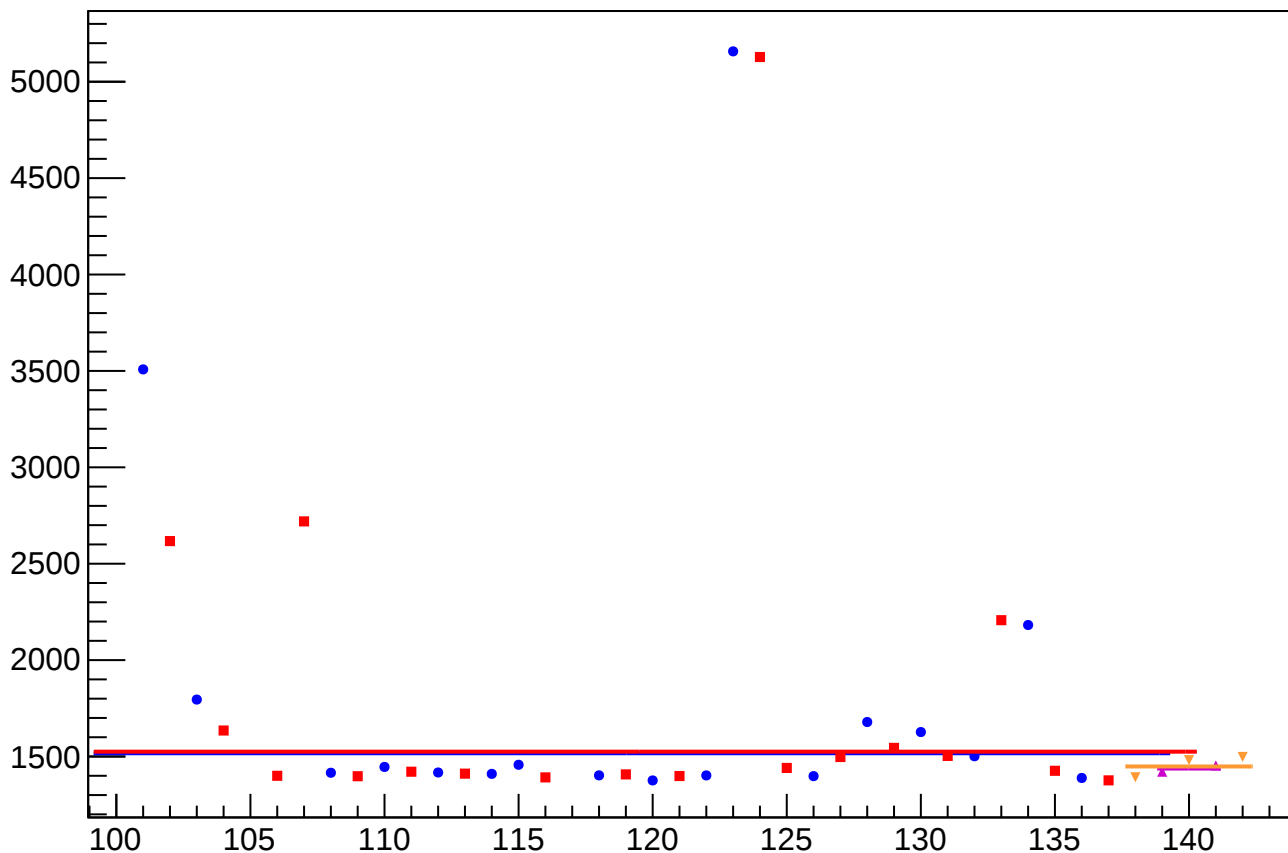
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -1151.968+/-530.102 χ^2/NDF : 14.6/18

Out: -431.641+/-516.989 χ^2/NDF : 12.6/20

All: -782.785+/-370.115 χ^2/NDF : 28.1/39

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1448.290+/-0.734 χ^2/NDF : 4086.4/2

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1437.596+/-0.795 χ^2/NDF : 410.3/1

Left: 1443.364+/-0.539 χ^2/NDF : 4594.3/4

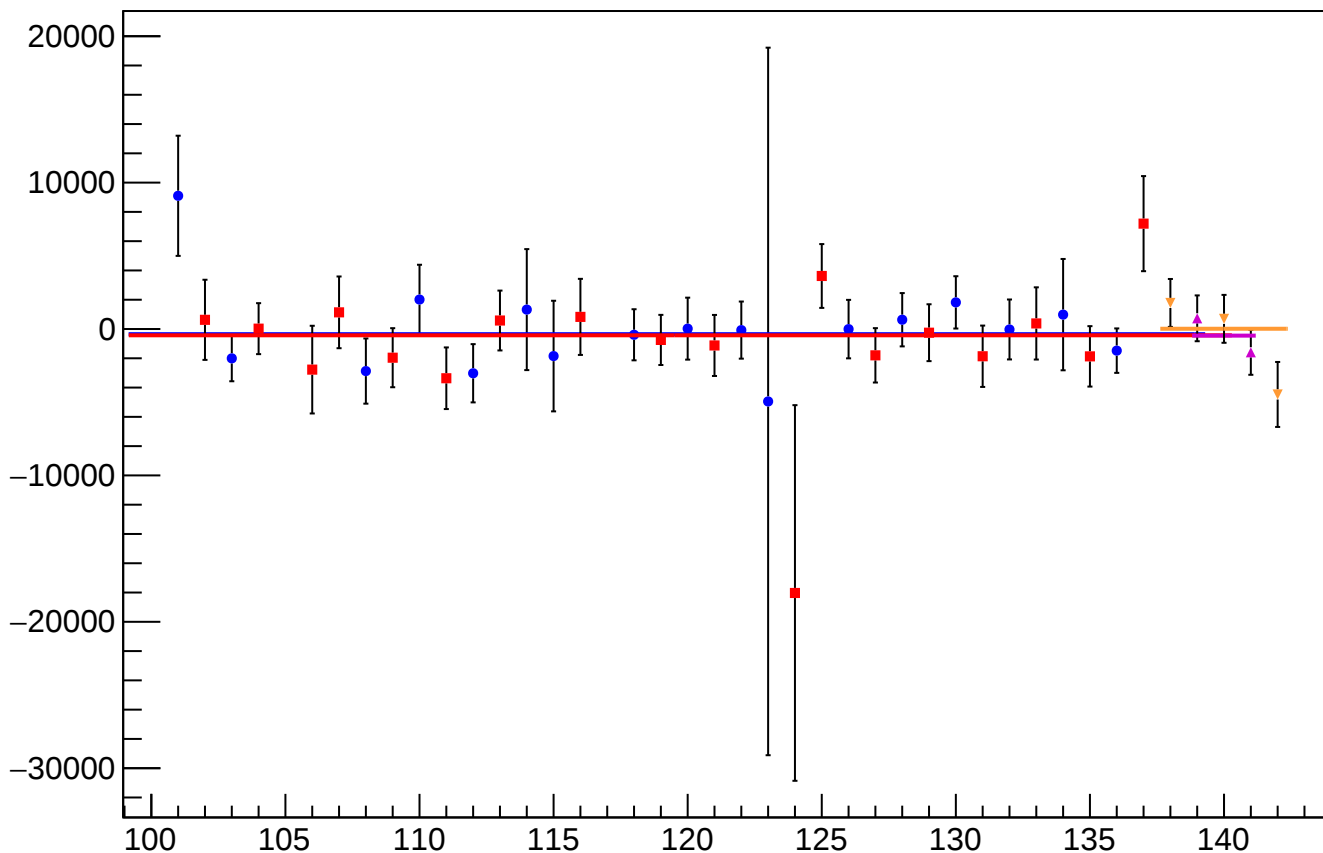
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1499.290+/-0.375 χ^2/NDF : 549197.8/18

Out: 1506.072+/-0.366 χ^2/NDF : 584242.8/20

All: 1502.766+/-0.262 χ^2/NDF : 1133608.4/39

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 17.510+/-1026.120 χ^2/NDF : 5.4/2

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -451.939+/-1096.353 χ^2/NDF : 1.1/1

Left: -201.698+/-749.176 χ^2/NDF : 6.6/4

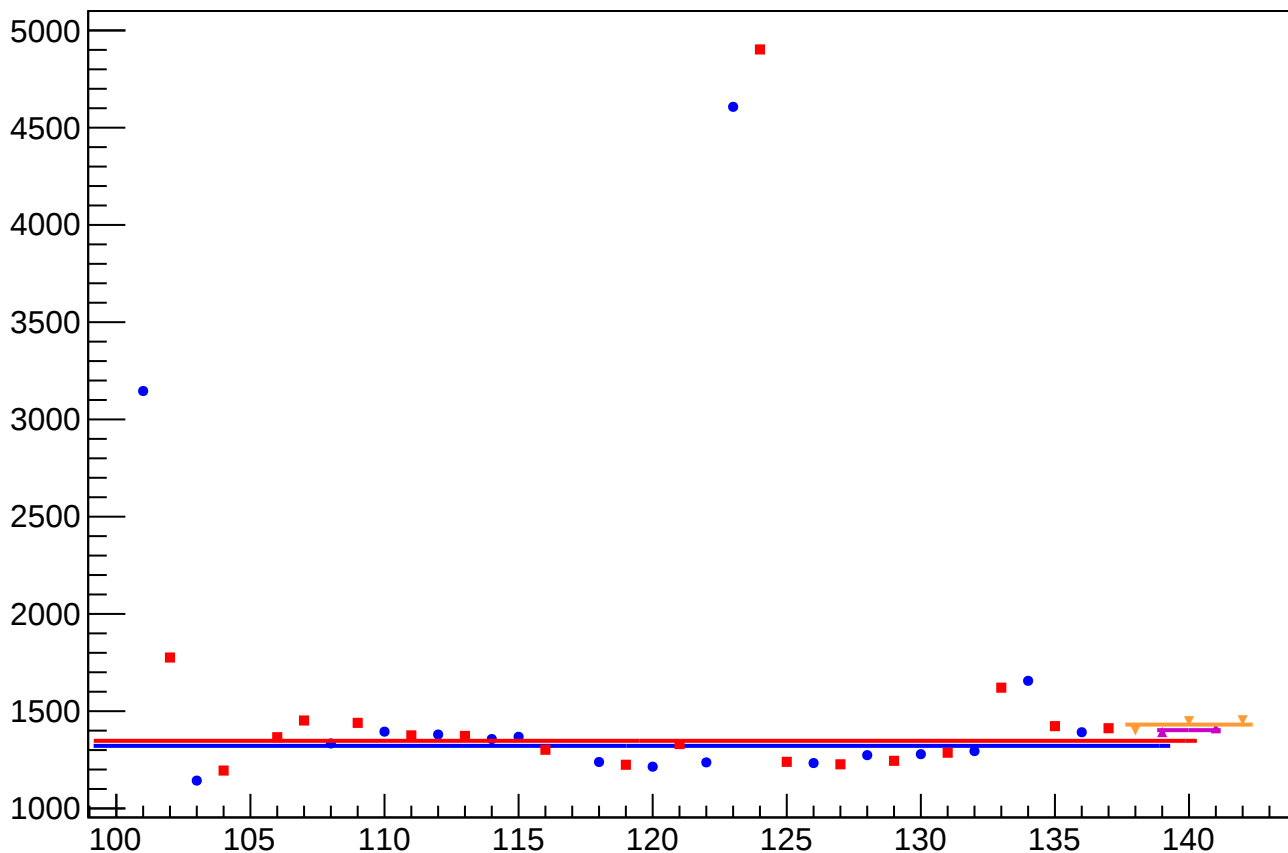
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -371.466+/-472.279 χ^2/NDF : 14.5/18

Out: -337.241+/-465.500 χ^2/NDF : 22.4/20

All: -354.106+/-331.529 χ^2/NDF : 36.9/39

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1431.047+/-0.726 χ^2/NDF : 1079.5/2

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1402.446+/-0.775 χ^2/NDF : 154.8/1

Left: 1417.692+/-0.530 χ^2/NDF : 1959.8/4

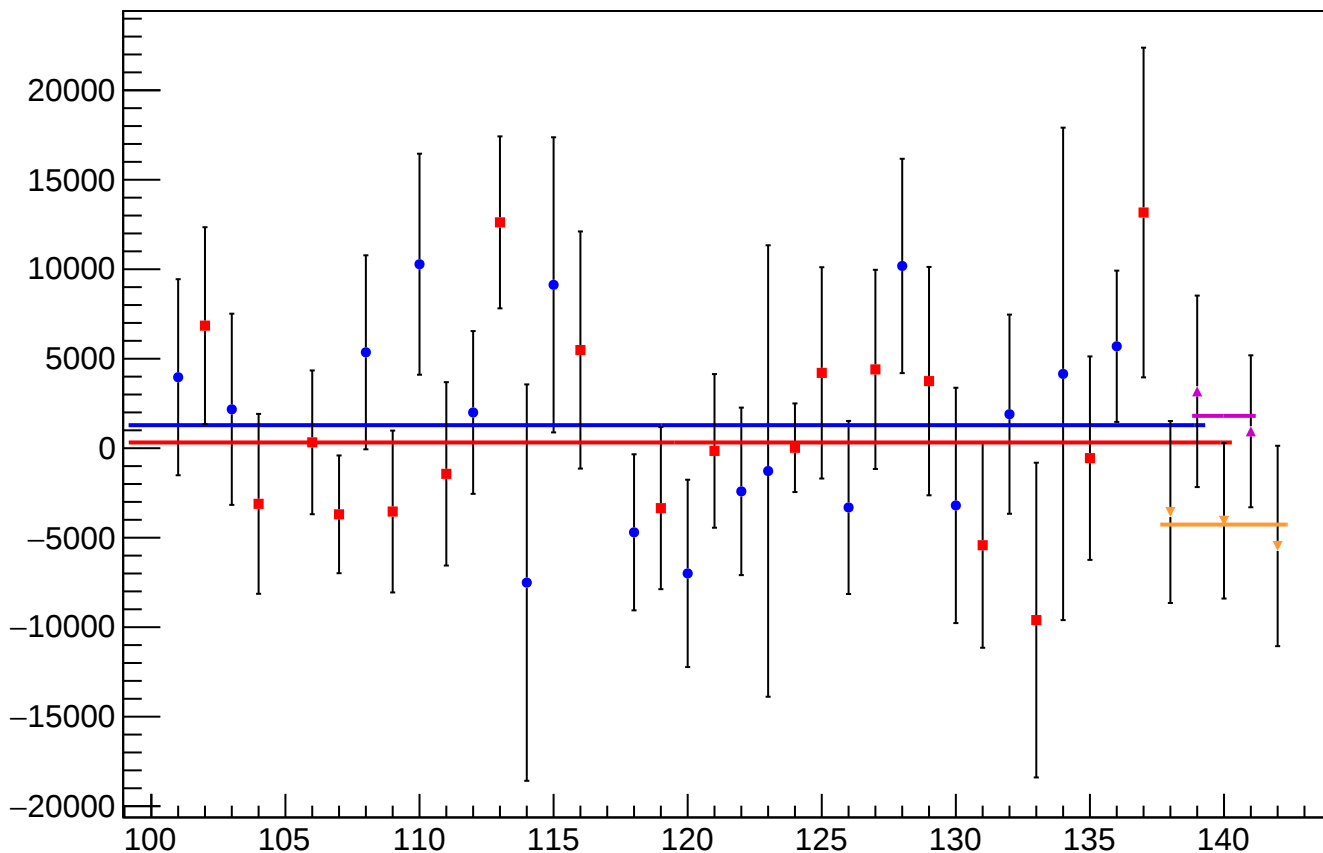
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1336.686+/-0.334 χ^2/NDF : 511235.3/18

Out: 1364.795+/-0.329 χ^2/NDF : 297876.3/20

All: 1350.950+/-0.234 χ^2/NDF : 812706.8/39

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -4265.842+/-2843.673 χ^2/NDF : 0.1/2

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: 1808.083+/-3325.658 χ^2/NDF : 0.1/1

Left: -1700.532+/-2161.289 χ^2/NDF : 2.1/4

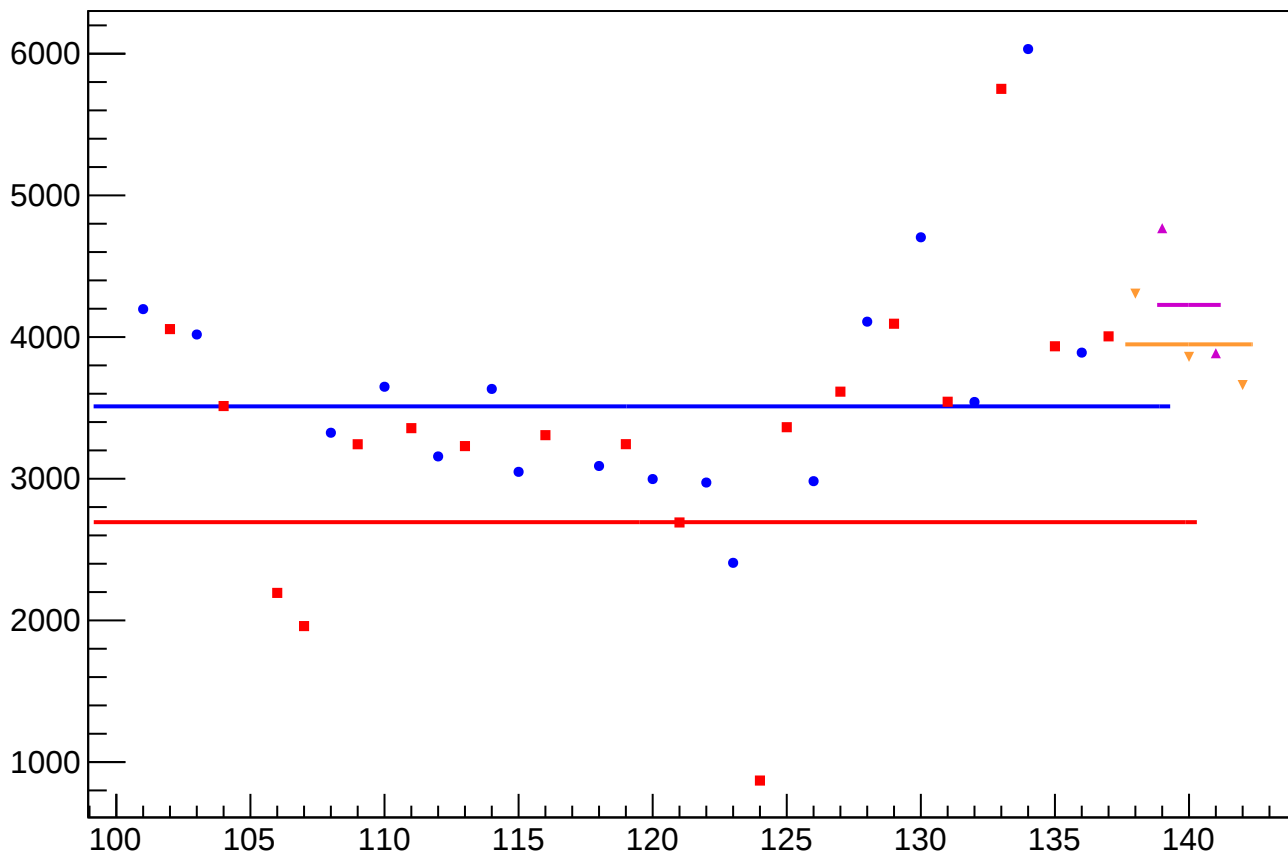
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 1363.574+/-1271.349 χ^2/NDF : 14.4/18

Out: -280.842+/-1030.441 χ^2/NDF : 19.9/20

All: 371.125+/-800.519 χ^2/NDF : 35.3/39

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3948.550+/-2.011 χ^2/NDF :16008.6/2

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 4226.972+/-2.352 χ^2/NDF :33396.6/1

Left: 4066.141+/-1.528 χ^2/NDF : 57502.7/4

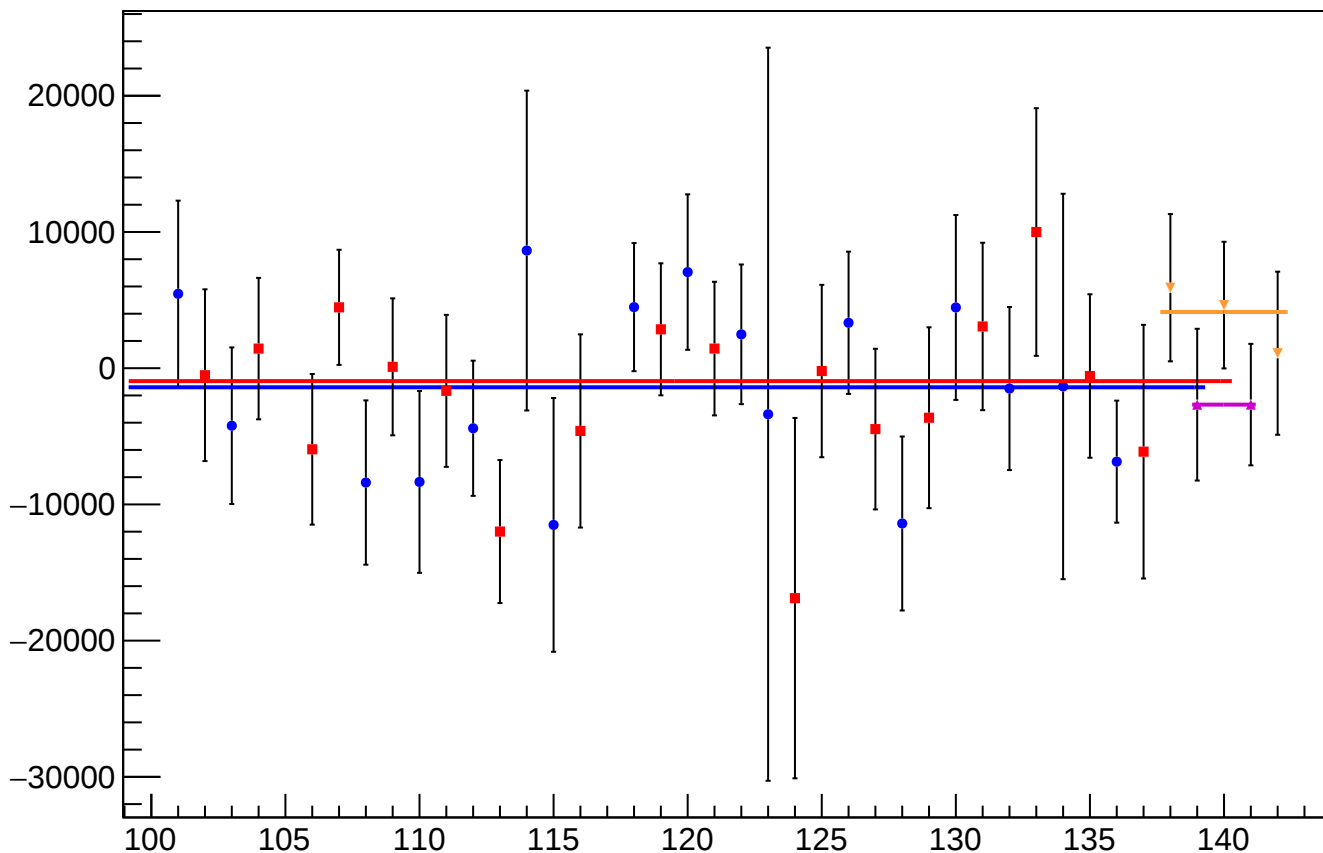
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3615.462+/-0.899 χ^2/NDF :456645.8/18

Out: 2858.299+/-0.729 χ^2/NDF :2480271.6/20

All: 3158.493+/-0.566 χ^2/NDF : 3365047.0/39

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 4126.379+/-3037.328 χ^2/NDF : 0.4/2

Right Out: -947.960+/-1382.709 χ^2/NDF : 12.5/17

Left In: -2674.503+/-3481.723 χ^2/NDF : 0.0/1

Left: 1187.400+/-2288.810 χ^2/NDF : 2.5/4

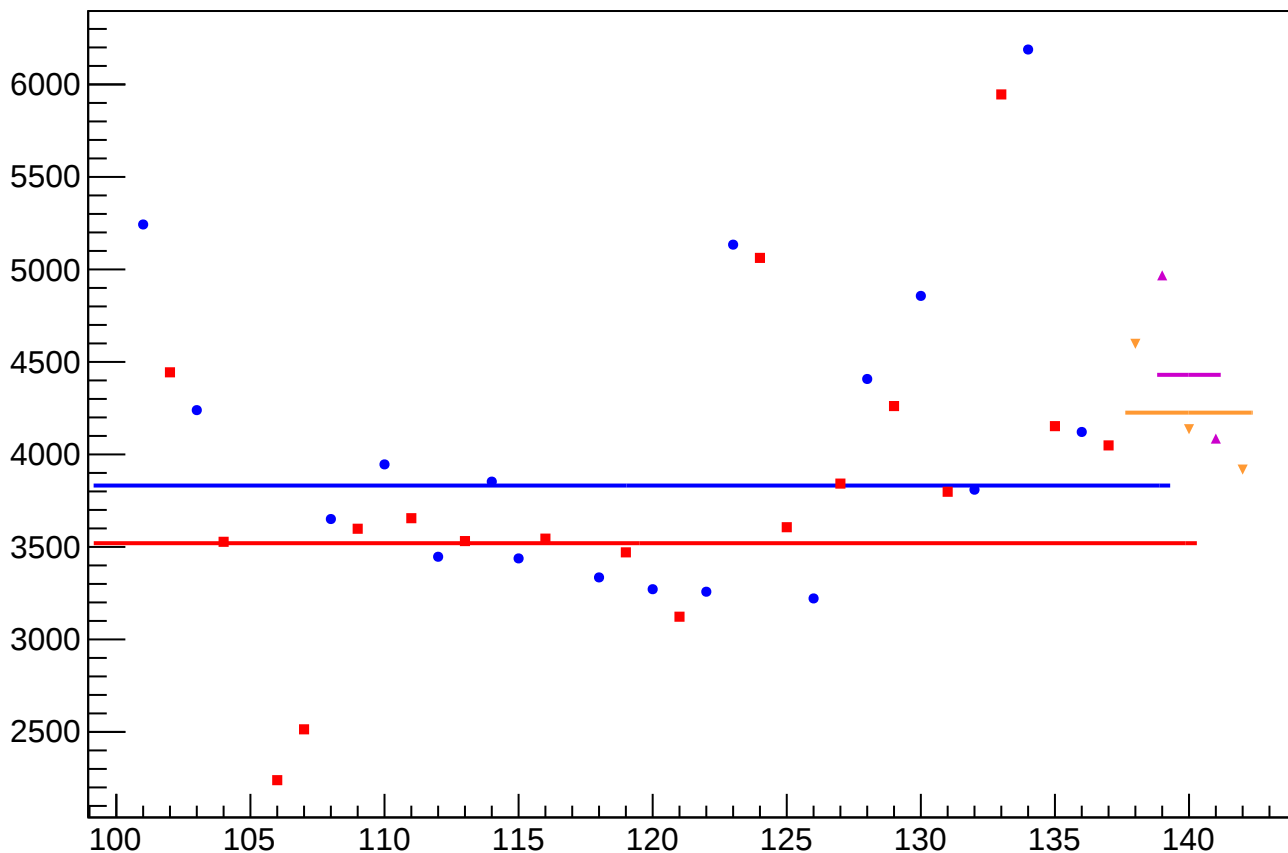
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -1601.670+/-1380.805 χ^2/NDF : 15.9/18

Out: -76.869+/-1258.443 χ^2/NDF : 15.1/20

All: -768.728+/-930.110 χ^2/NDF : 31.7/39

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4225.887+/-2.148 χ^2/NDF :15506.6/2

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

Left In: 4430.246+/-2.462 χ^2/NDF :30571.6/1

Left: 4314.200+/-1.618 χ^2/NDF : 49990.8/4

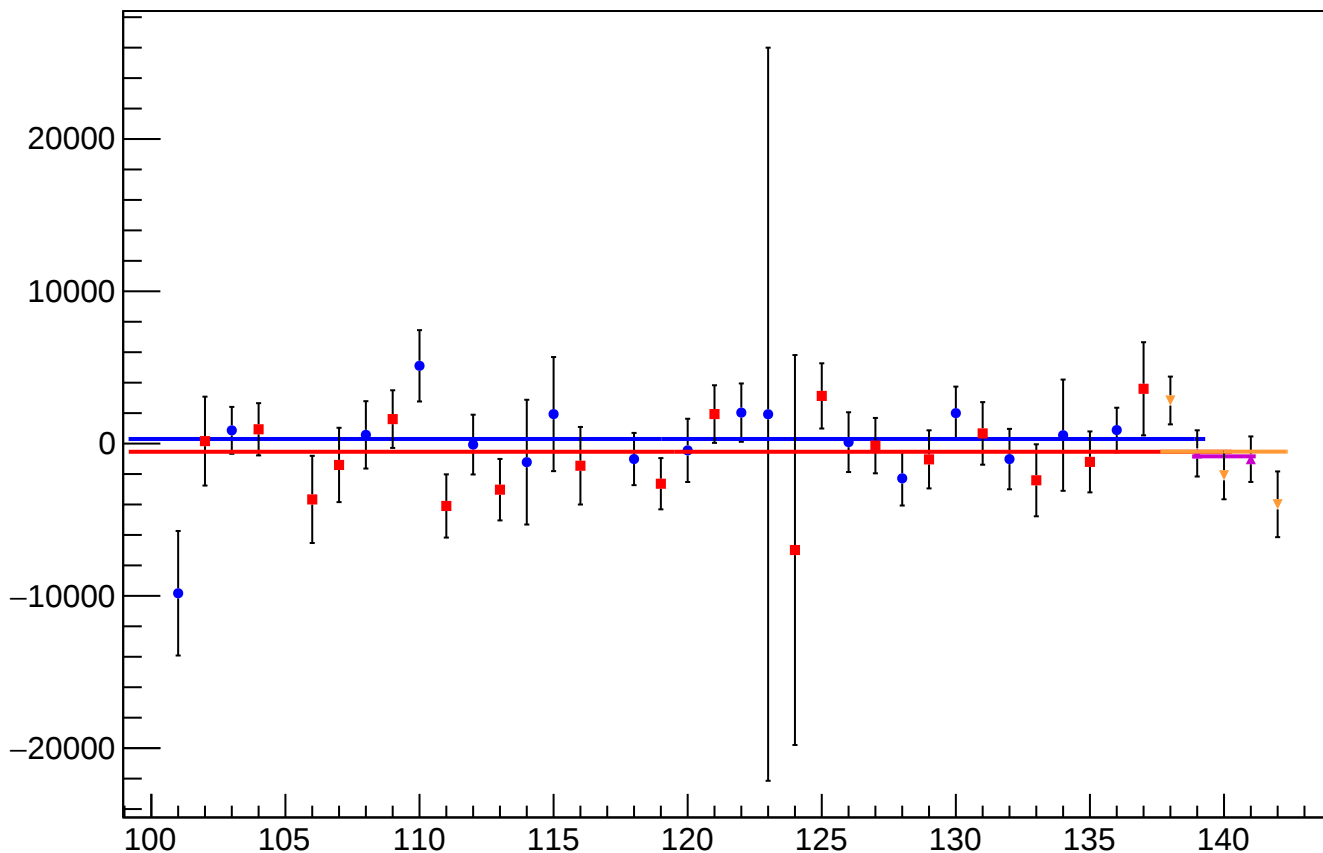
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3925.936+/-0.976 χ^2/NDF :418069.7/18

Out: 3639.501+/-0.883 χ^2/NDF :649362.3/20

All: 3768.390+/-0.655 χ^2/NDF : 1114770.7/39

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 χ^2/NDF : 16.1/16

Left Out: -528.563 ± 988.670 χ^2/NDF : 8.1/2

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -837.738 ± 1064.815 χ^2/NDF : 0.0/1

Left: -671.702 ± 724.521 χ^2/NDF : 8.2/4

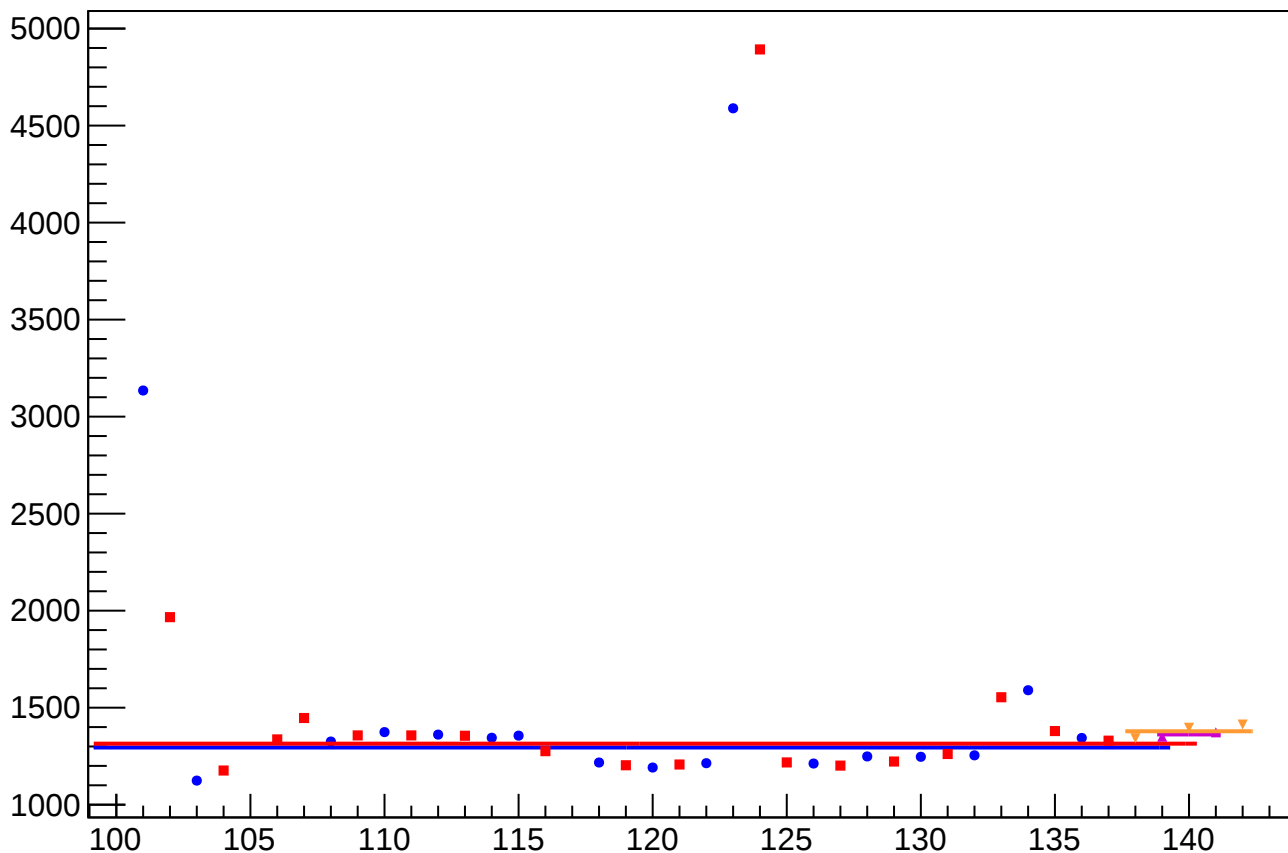
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: 87.381 ± 462.040 χ^2/NDF : 17.0/18

Out: -535.809 ± 452.325 χ^2/NDF : 25.6/20

All: -230.834 ± 323.222 χ^2/NDF : 43.6/39

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1378.447+/-0.699 χ^2/NDF : 1815.3/2

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1362.078+/-0.753 χ^2/NDF : 223.6/1

Left: 1370.869+/-0.512 χ^2/NDF : 2292.7/4

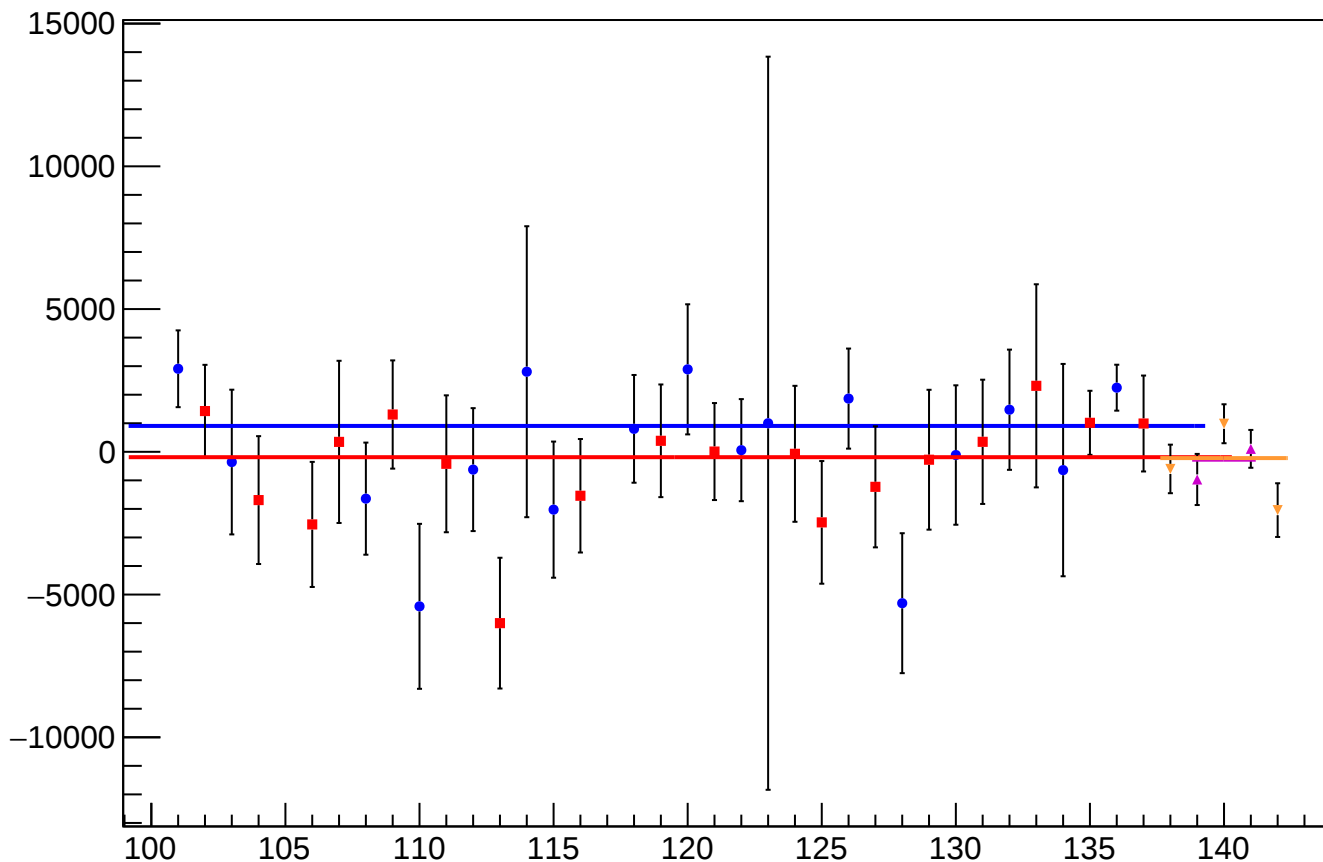
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1307.410+/-0.327 χ^2/NDF : 514522.0/18

Out: 1327.955+/-0.320 χ^2/NDF : 342251.3/20

All: 1317.901+/-0.229 χ^2/NDF : 858792.5/39

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: -220.118+/-463.194 χ^2/NDF : 7.1/2

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -275.880+/-532.756 χ^2/NDF : 0.9/1

Left: -244.123+/-349.552 χ^2/NDF : 8.0/4

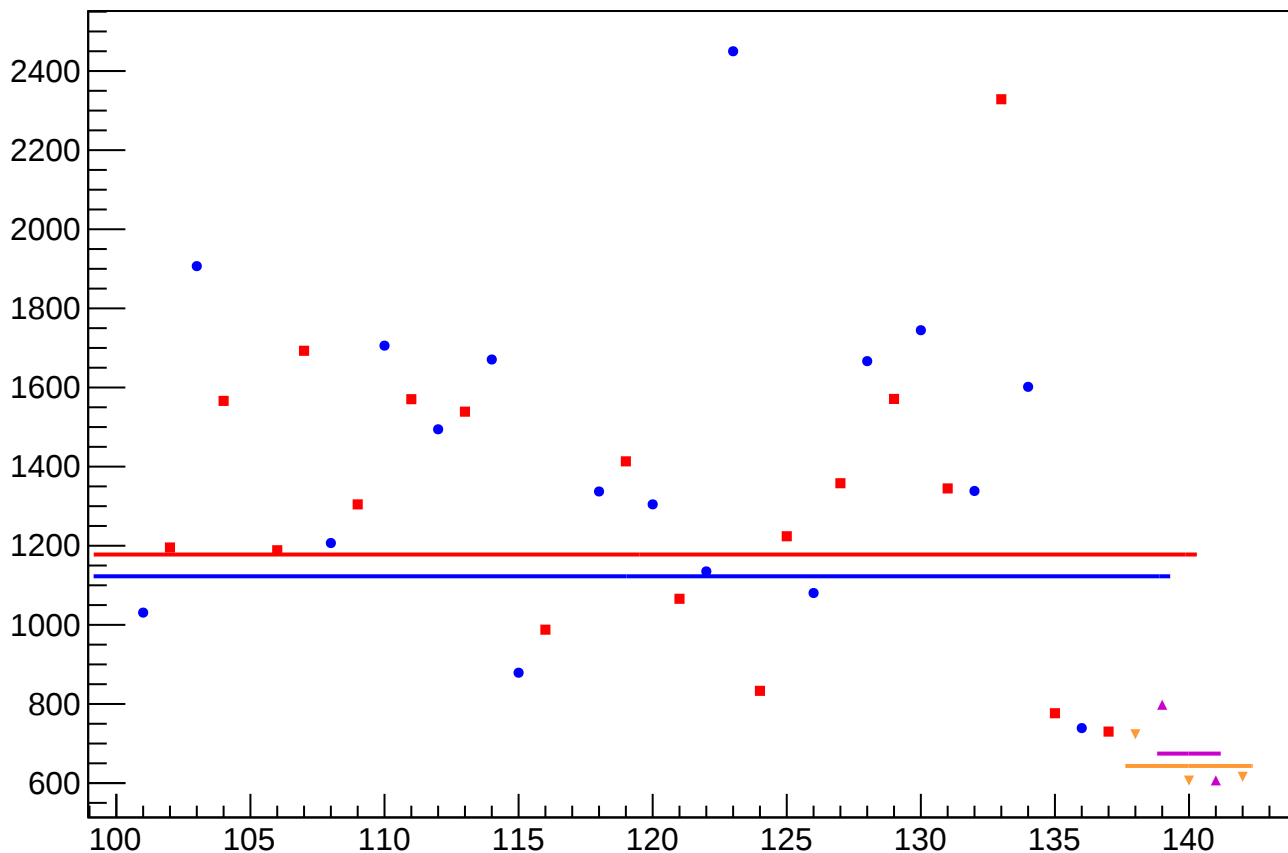
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 406.859+/-346.359 χ^2/NDF : 25.8/18

Out: -204.190+/-328.001 χ^2/NDF : 20.9/20

All: 84.712+/-238.157 χ^2/NDF : 48.3/39

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 643.342+/-0.328 χ^2/NDF : 25316.5/2

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 674.561+/-0.377 χ^2/NDF : 58884.8/1

Left: 656.781+/-0.247 χ^2/NDF : 88112.4/4

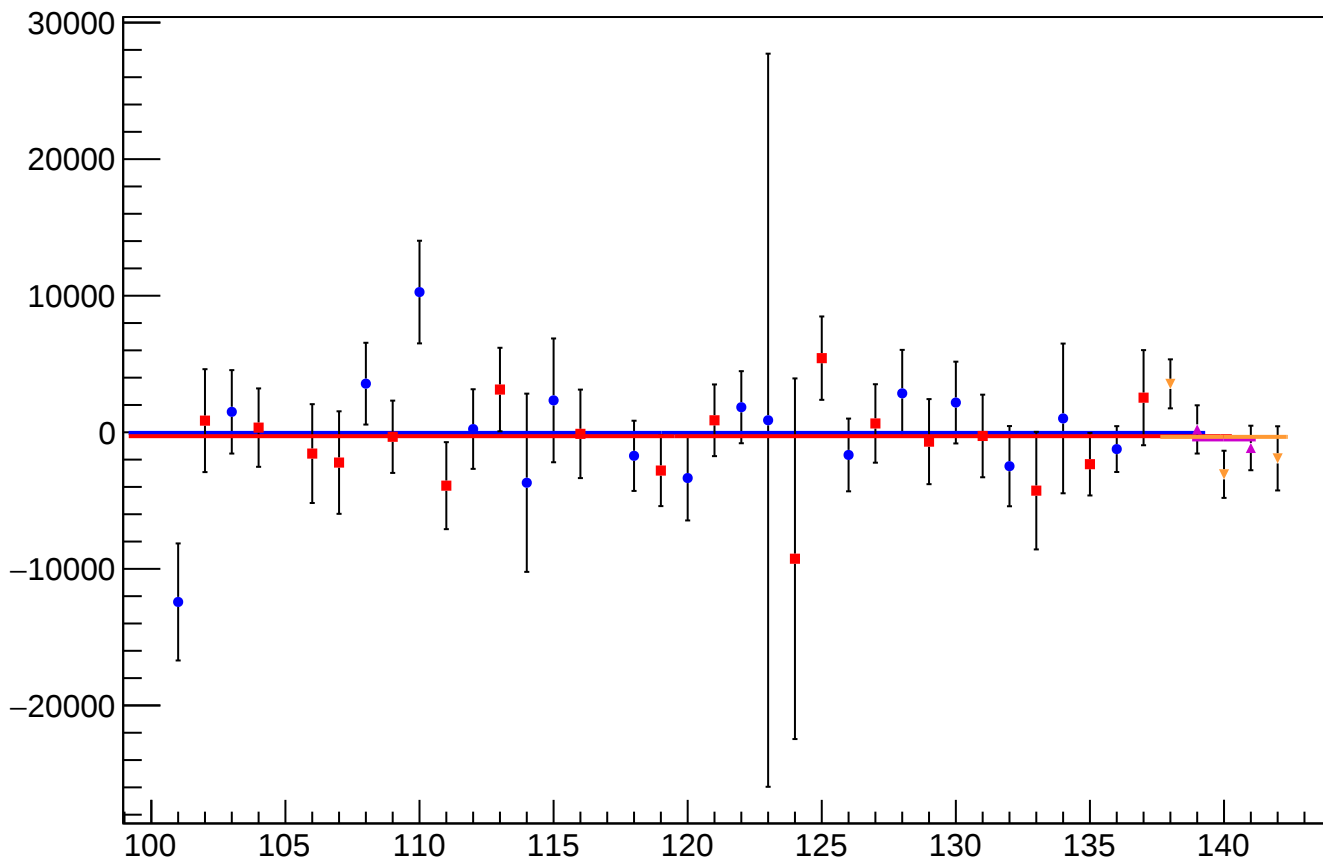
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 933.329+/-0.245 χ^2/NDF : 2064158.2/18

Out: 909.796+/-0.232 χ^2/NDF : 2374538.8/20

All: 920.922+/-0.168 χ^2/NDF : 4443564.9/39

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -335.111 ± 1099.601 χ^2/NDF : 7.6/2

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -523.170 ± 1197.843 χ^2/NDF : 0.3/1

Left: -421.114 ± 810.044 χ^2/NDF : 8.0/4

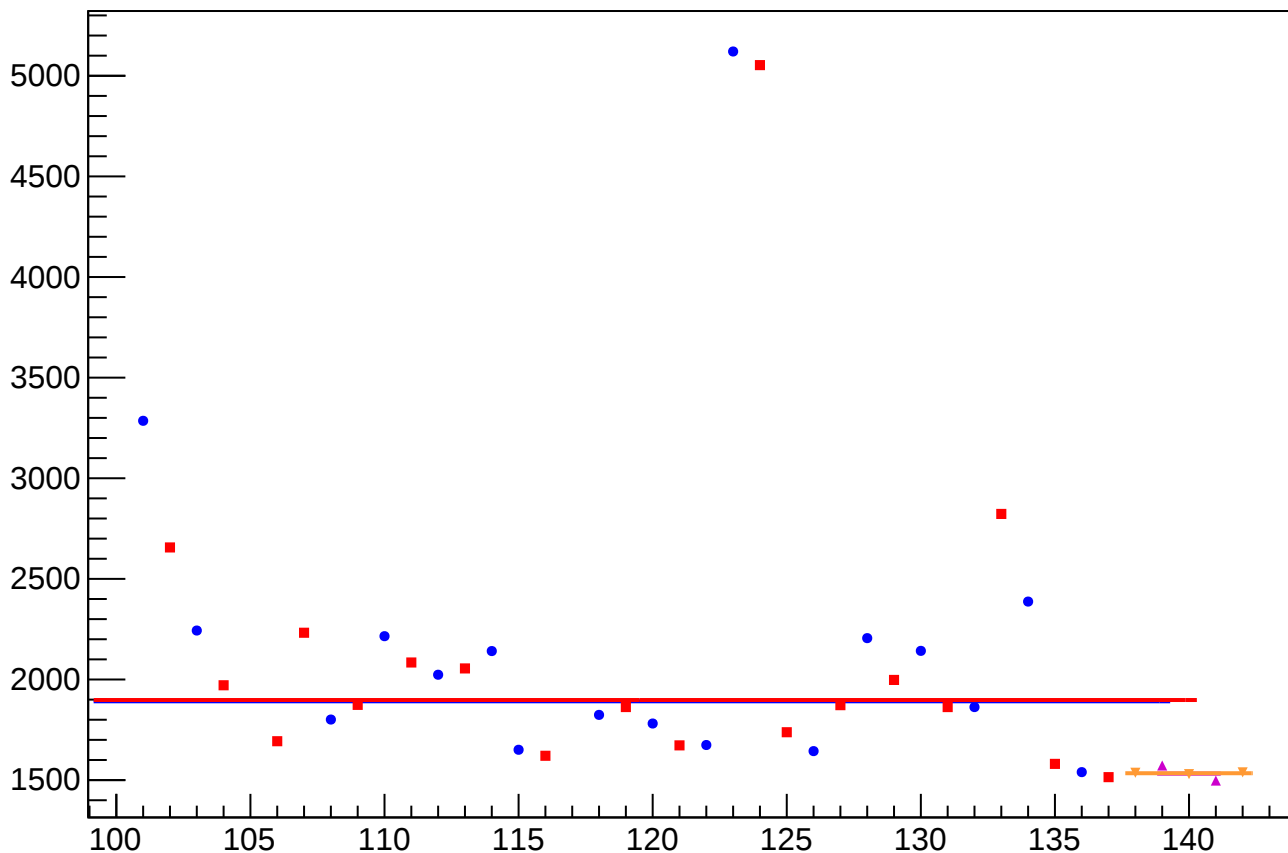
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -178.587 ± 634.207 χ^2/NDF : 23.6/18

Out: -300.744 ± 611.285 χ^2/NDF : 18.3/20

All: -241.913 ± 440.124 χ^2/NDF : 41.9/39

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1534.217+/-0.778 χ^2/NDF : 23.7/2

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

Left: 1533.284+/-0.573 χ^2/NDF : 1967.6/4

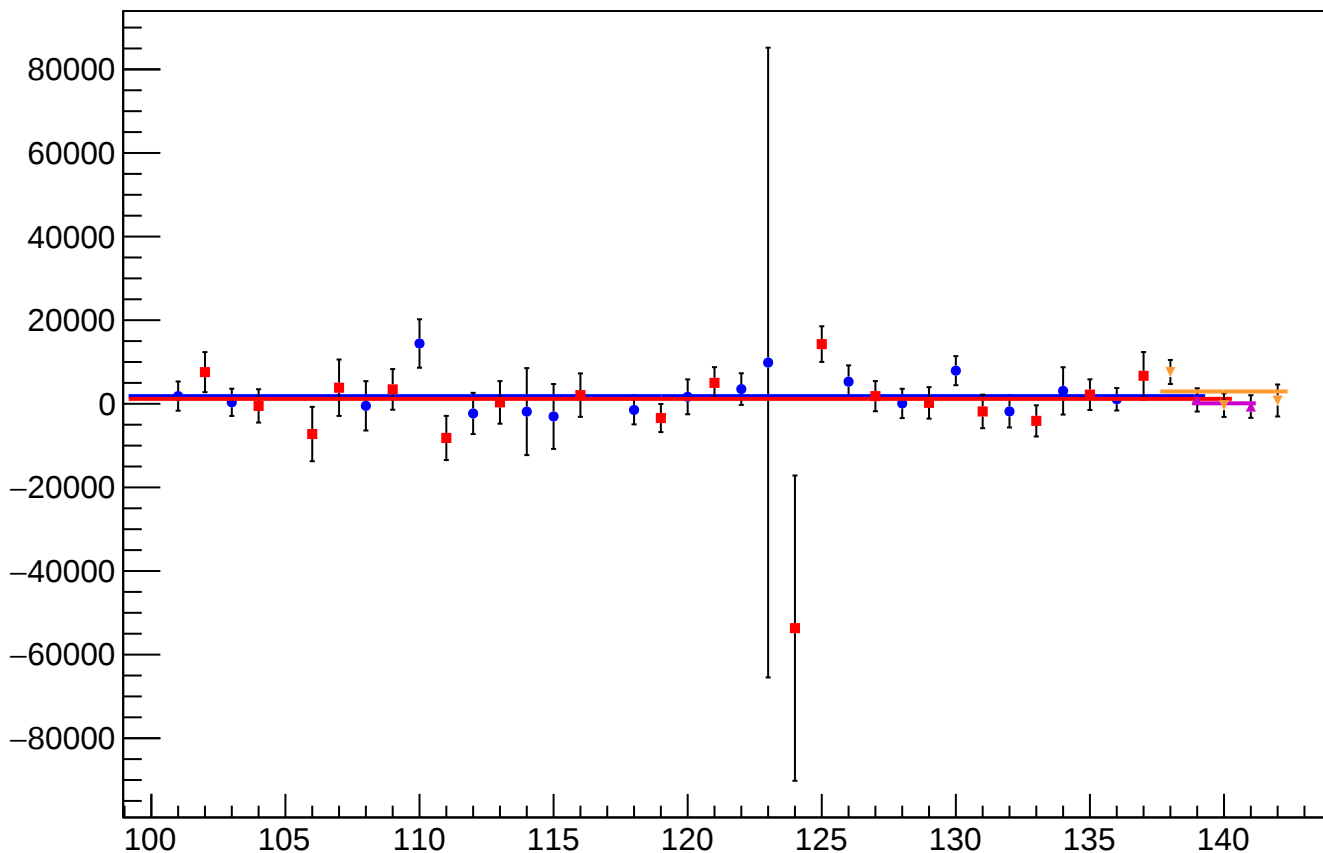
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1790.895+/-0.448 χ^2/NDF : 600670.7/18

Out: 1785.585+/-0.432 χ^2/NDF : 574978.3/20

All: 1788.142+/-0.311 χ^2/NDF : 1175721.6/39

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2949.786+/-1781.425 χ^2/NDF : 4.3/2

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 113.968+/-1938.510 χ^2/NDF : 0.2/1

Left: 1651.414+/-1311.681 χ^2/NDF : 5.6/4

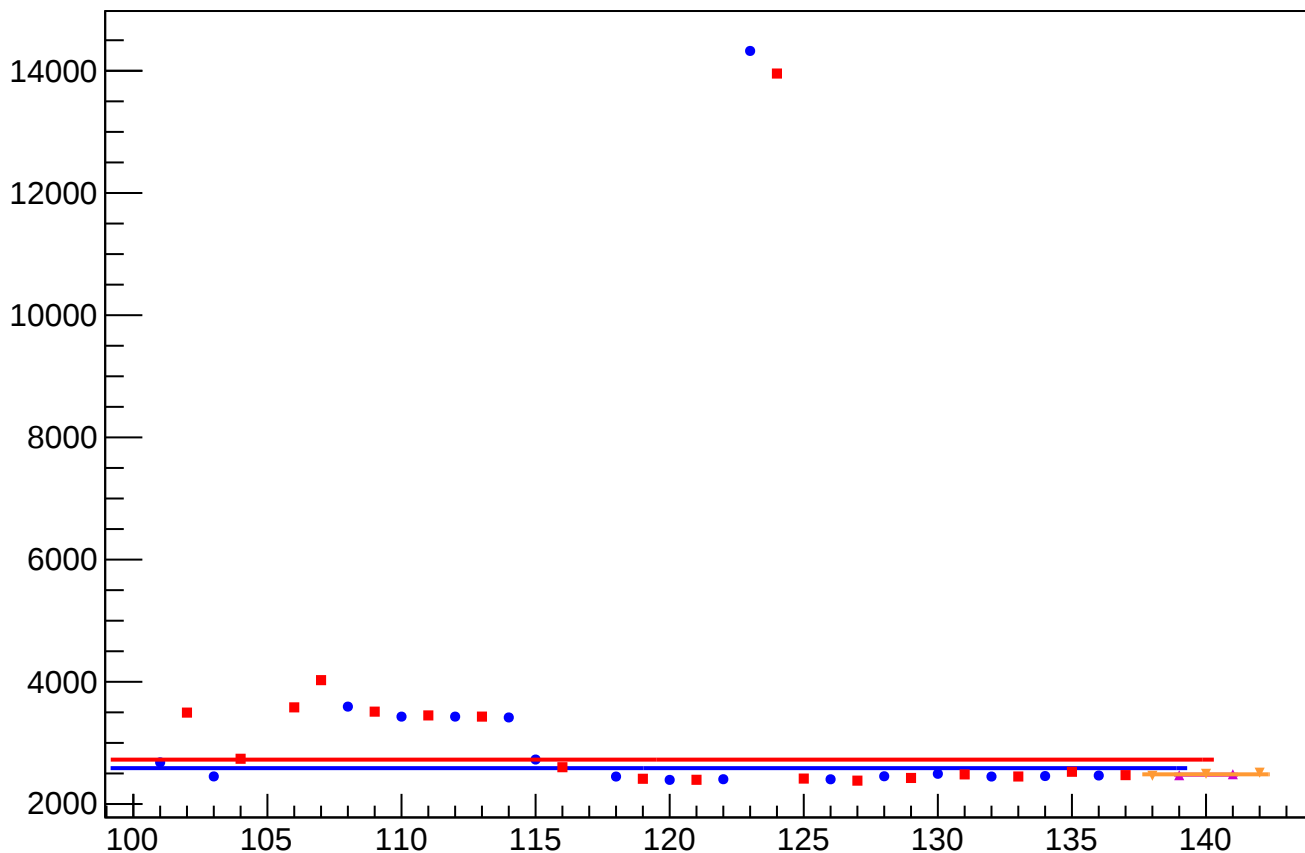
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1459.627+/-895.832 χ^2/NDF : 13.3/18

Out: 1638.346+/-904.516 χ^2/NDF : 30.5/20

All: 1548.125+/-636.497 χ^2/NDF : 43.8/39

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2485.847+/-1.260 χ^2/NDF : 250.6/2

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2479.781+/-1.371 χ^2/NDF : 35.0/1

Left: 2483.070+/-0.927 χ^2/NDF : 296.2/4

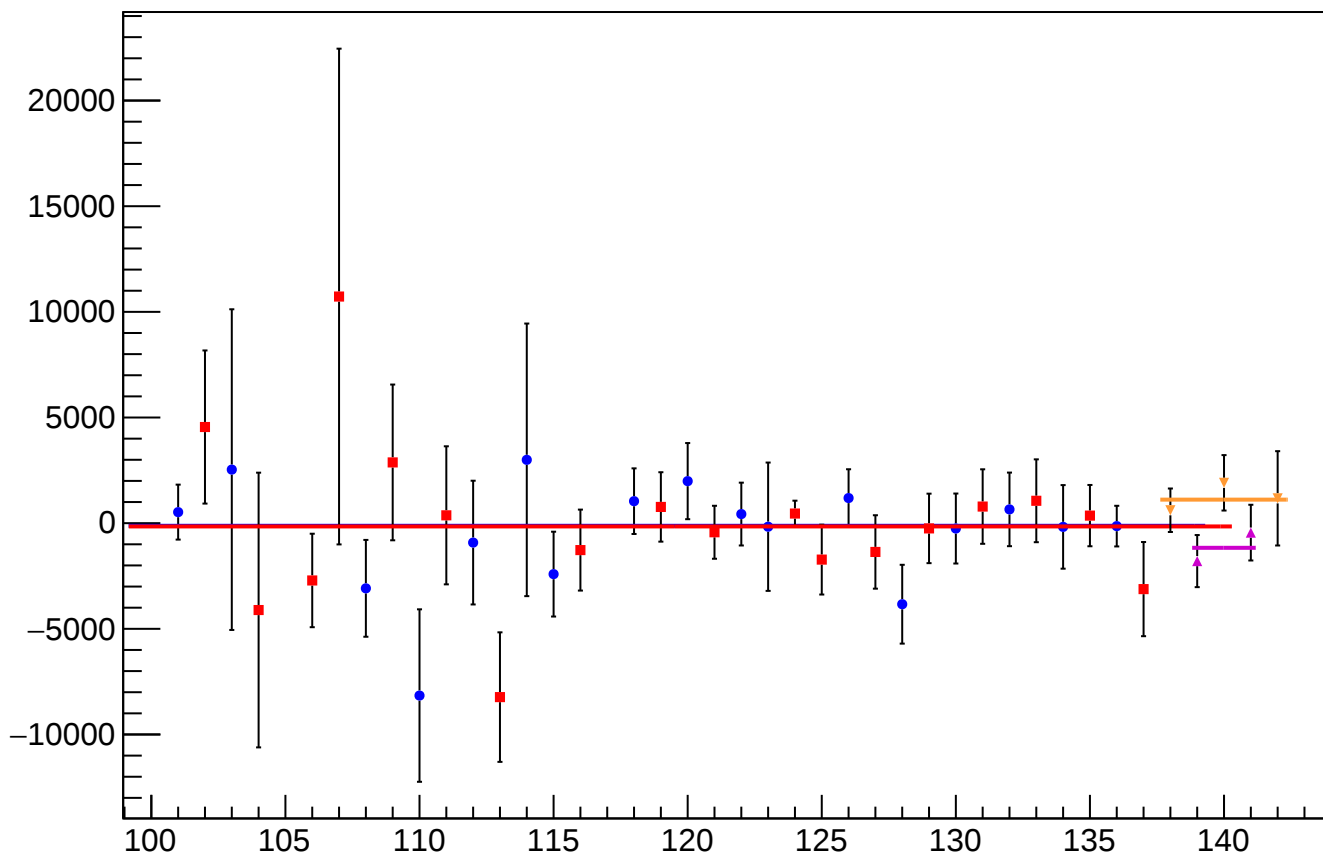
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2564.085+/-0.633 χ^2/NDF : 258957.5/18

Out: 2664.426+/-0.640 χ^2/NDF : 608180.0/20

All: 2613.772+/-0.450 χ^2/NDF : 879562.2/39

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1114.054+/-760.983 χ^2/NDF : 0.6/2

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -1166.180+/-900.402 χ^2/NDF : 0.6/1

Left: 163.951+/-581.209 χ^2/NDF : 4.9/4

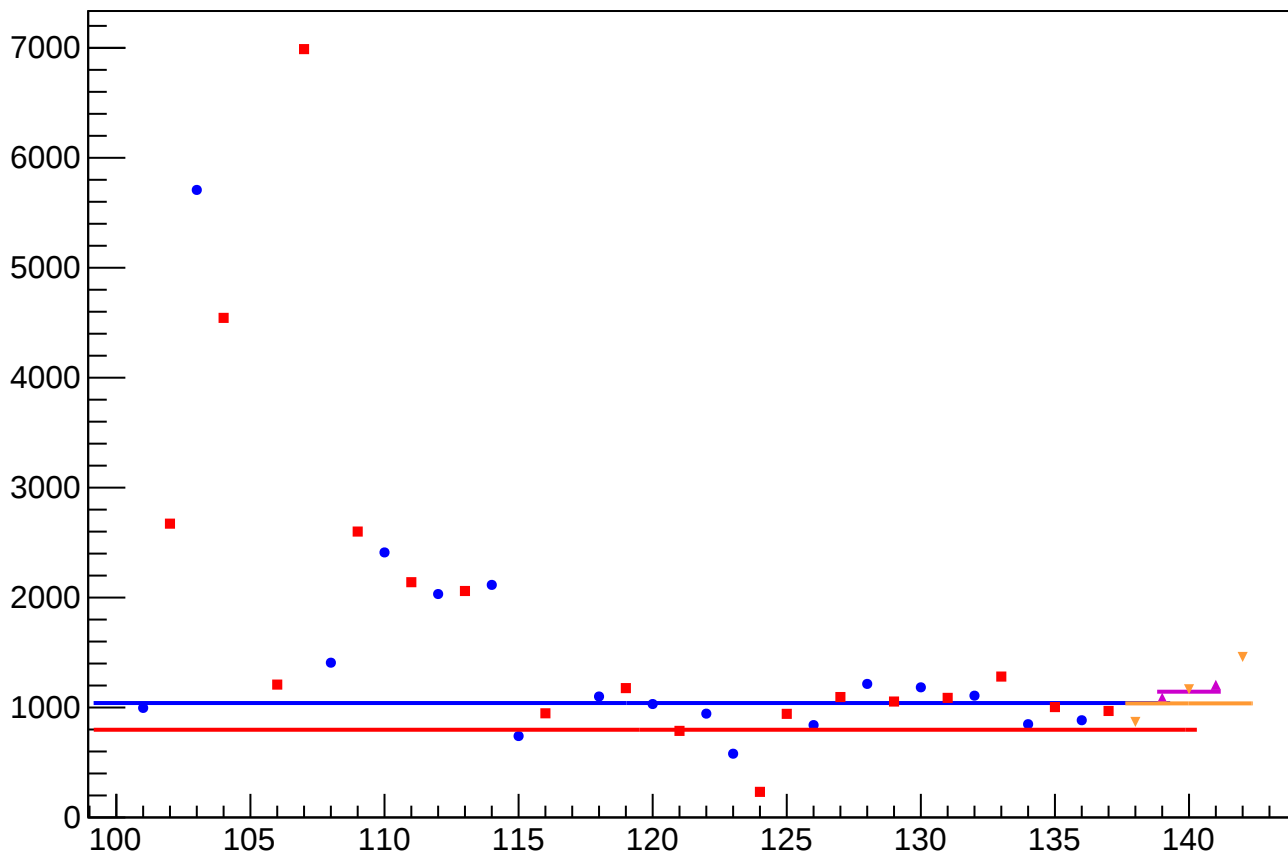
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -318.487+/-388.581 χ^2/NDF : 16.3/18

Out: 99.608+/-340.630 χ^2/NDF : 20.4/20

All: -82.065+/-256.147 χ^2/NDF : 37.4/39

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 1037.554+/-0.538 χ^2/NDF :144537.1/2

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 1143.823+/-0.637 χ^2/NDF :8419.3/1

Left: 1081.833+/-0.411 χ^2/NDF : 169207.6/4

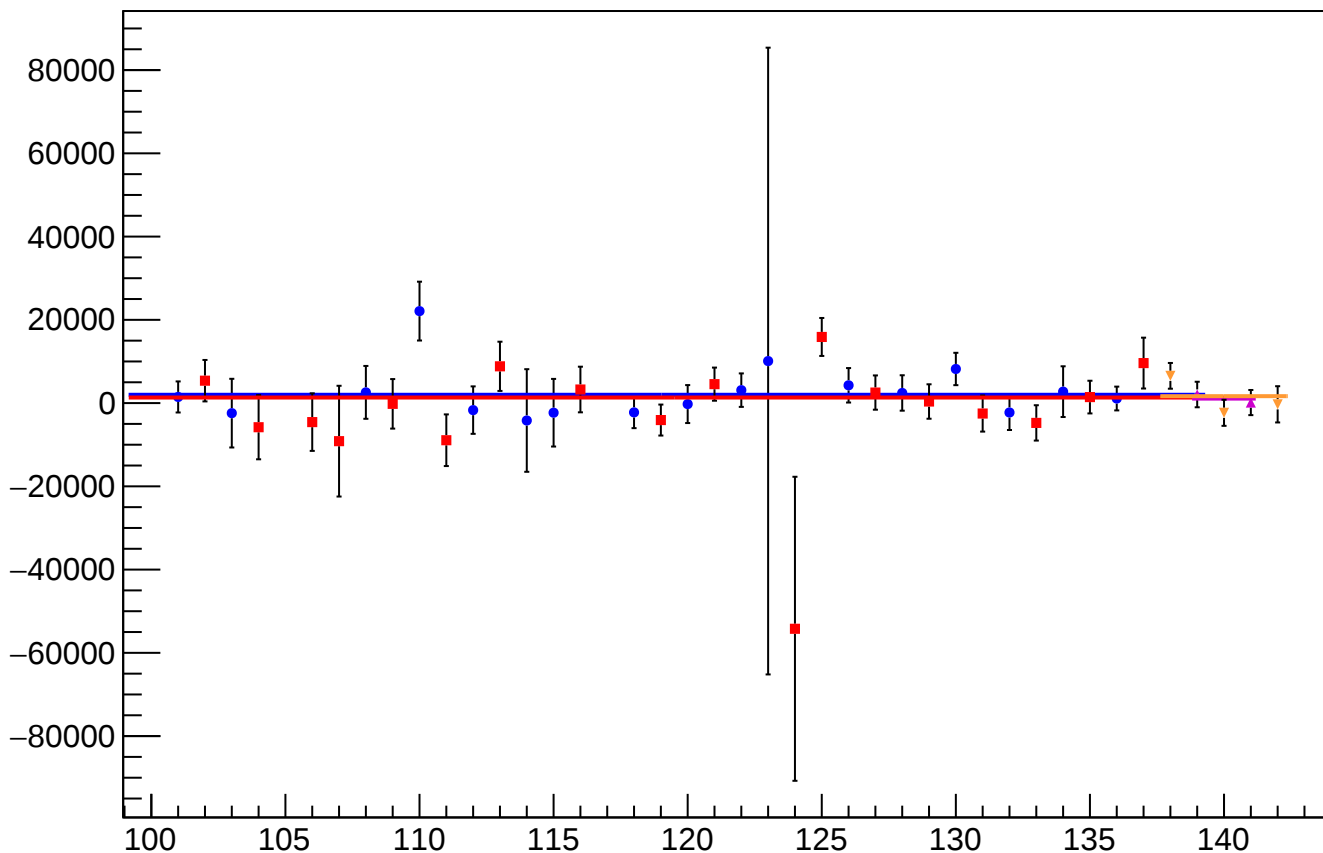
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 1059.955+/-0.275 χ^2/NDF :1602777.4/18

Out: 845.783+/-0.241 χ^2/NDF :5477706.5/20

All: 938.846+/-0.181 χ^2/NDF : 7424046.8/39

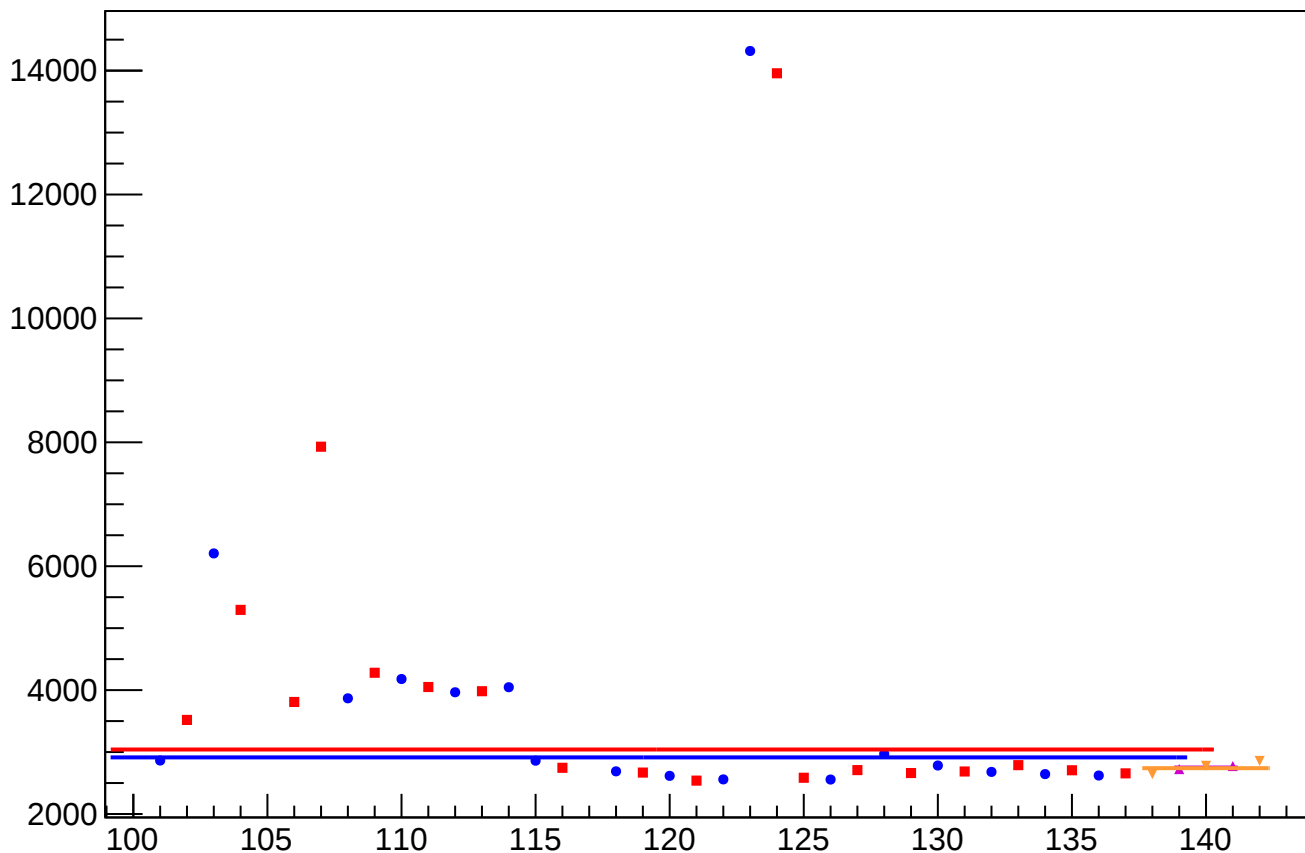
asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16
 Left Out: 1661.744+/-1964.478 χ^2/NDF : 4.3/2
 Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17
 Left In: 1079.210+/-2151.236 χ^2/NDF : 0.2/1

Left: 1396.856+/-1450.636 χ^2/NDF : 4.6/4
 Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34
 In: 1791.048+/-1017.644 χ^2/NDF : 15.3/18
 Out: 1424.302+/-1020.152 χ^2/NDF : 31.8/20
 All: 1608.126+/-720.468 χ^2/NDF : 47.1/39

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2739.876+/-1.389 χ^2/NDF :3672.5/2

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2750.118+/-1.521 χ^2/NDF :263.5/1

Left: 2744.533+/-1.026 χ^2/NDF : 3960.7/4

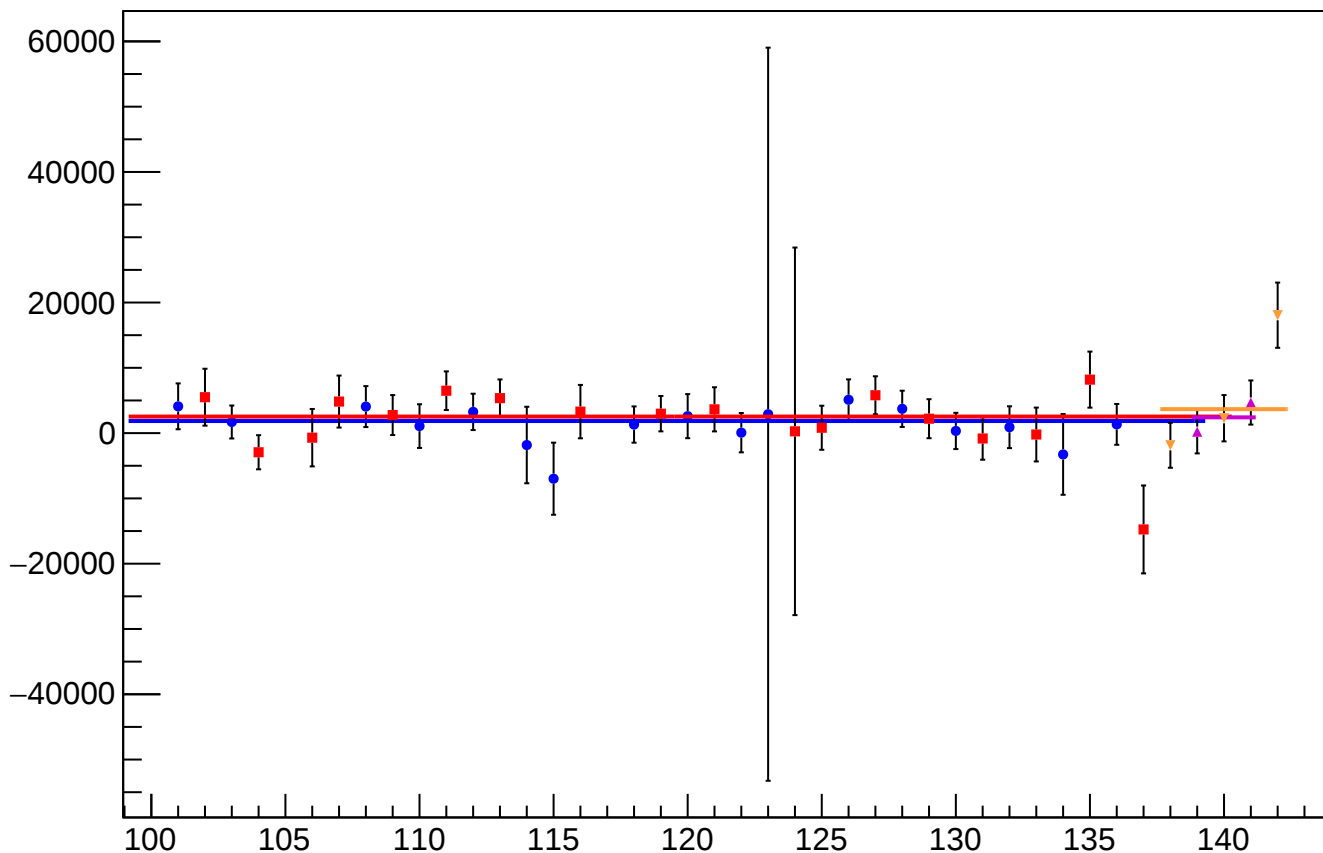
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2877.230+/-0.720 χ^2/NDF :648243.9/18

Out: 2959.961+/-0.721 χ^2/NDF :1041627.5/20

All: 2918.494+/-0.509 χ^2/NDF : 1696464.3/39

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 3670.958+/-2214.657 χ^2/NDF :11.0/2

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2413.780+/-2370.779 χ^2/NDF :0.9/1

Left: 3085.123+/-1618.379 χ^2/NDF : 12.1/4

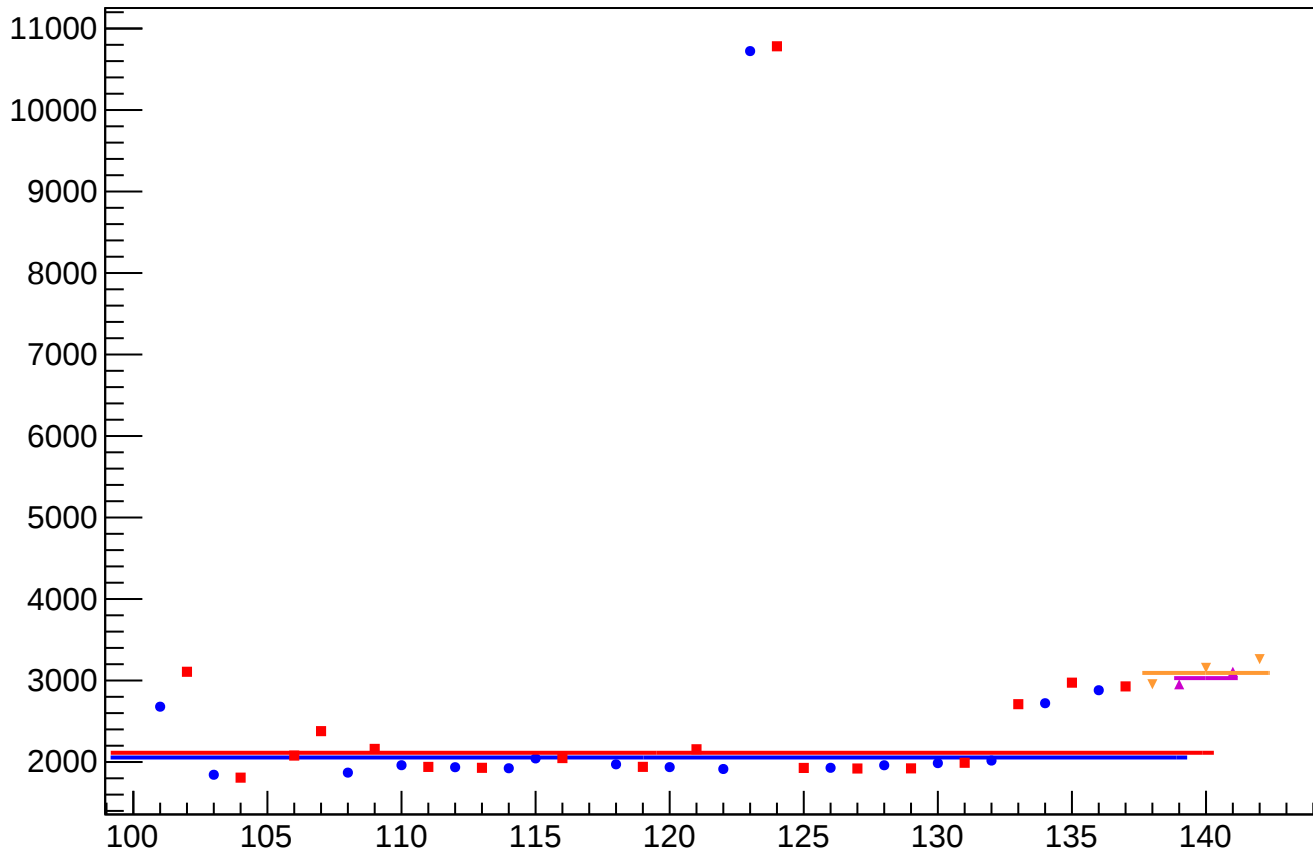
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 1908.593+/-763.750 χ^2/NDF :8.2/18

Out: 2671.900+/-768.422 χ^2/NDF :31.3/20

All: 2287.919+/-541.697 χ^2/NDF : 40.0/39

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3093.120+/-1.566 χ^2/NDF : 6162.8/2

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 3029.277+/-1.676 χ^2/NDF : 2108.1/1

Left: 3063.370+/-1.144 χ^2/NDF : 9045.5/4

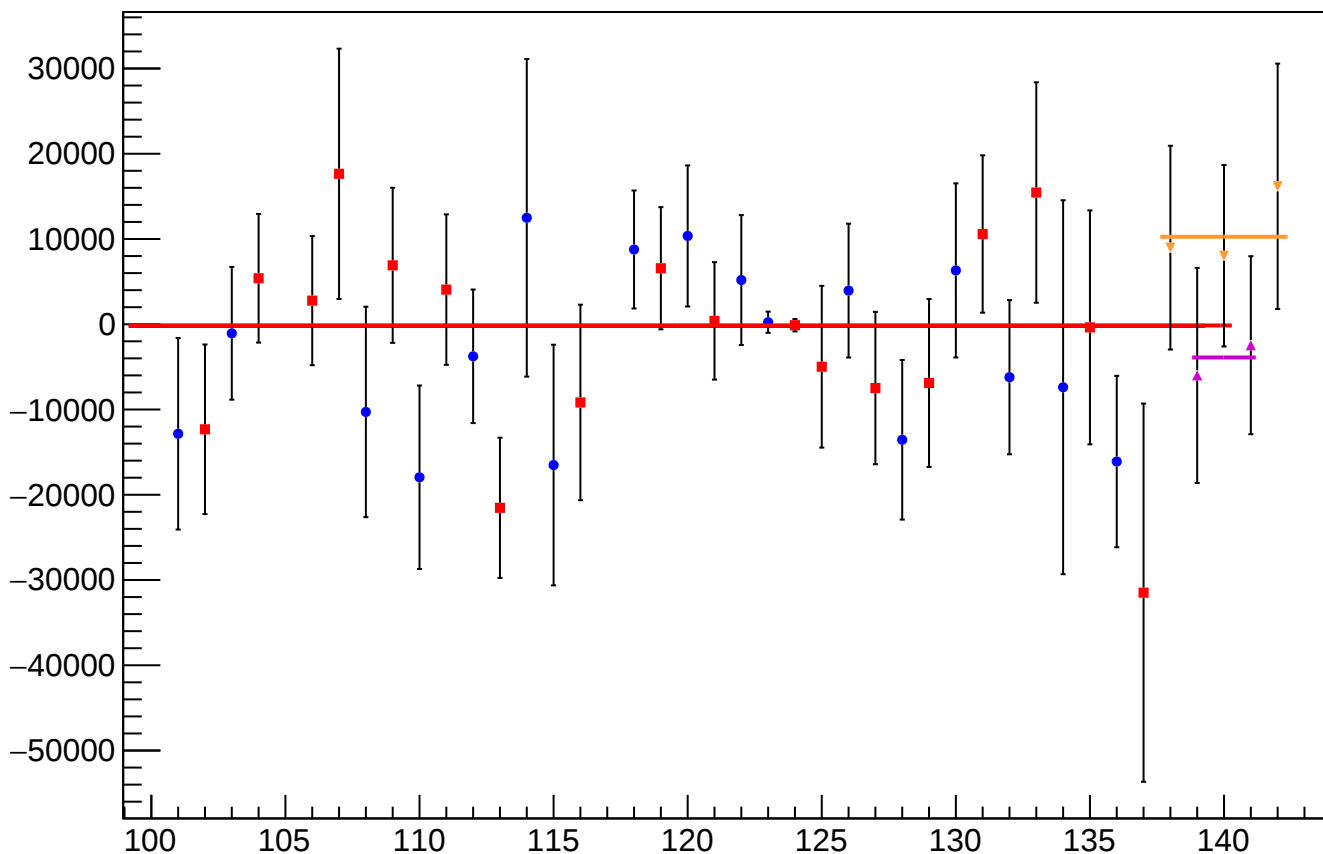
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2156.512+/-0.540 χ^2/NDF : 620923.9/18

Out: 2230.952+/-0.543 χ^2/NDF : 882641.3/20

All: 2193.554+/-0.383 χ^2/NDF : 1513019.4/39

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: 10262.902 ± 6956.721 $\chi^2/\text{NDF}: 0.2/2$

Right Out: -141.935 ± 690.979 $\chi^2/\text{NDF}: 19.0/17$

Left In: -3897.648 ± 8042.463 $\chi^2/\text{NDF}: 0.0/1$

Left: 4202.319 ± 5261.459 $\chi^2/\text{NDF}: 2.0/4$

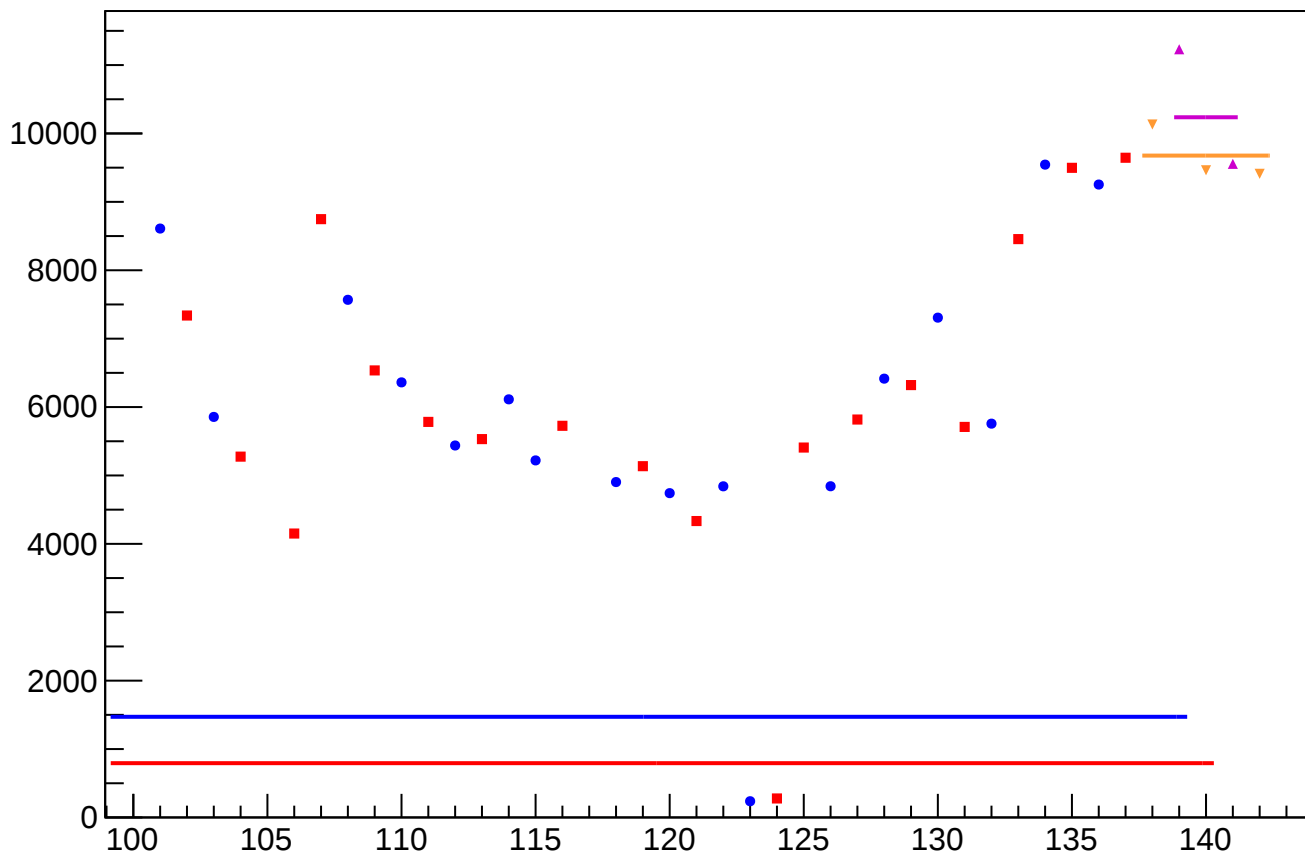
Right: -154.177 ± 585.233 $\chi^2/\text{NDF}: 35.3/34$

In: -253.514 ± 1090.611 $\chi^2/\text{NDF}: 16.6/18$

Out: -40.288 ± 687.596 $\chi^2/\text{NDF}: 21.4/20$

All: -100.936 ± 581.646 $\chi^2/\text{NDF}: 38.1/39$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 9676.542+/-4.919 χ^2/NDF :4395.2/2

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 10236.904+/-5.687 χ^2/NDF :20933.3/1

Left: 9916.372+/-3.720 χ^2/NDF : 30882.3/4

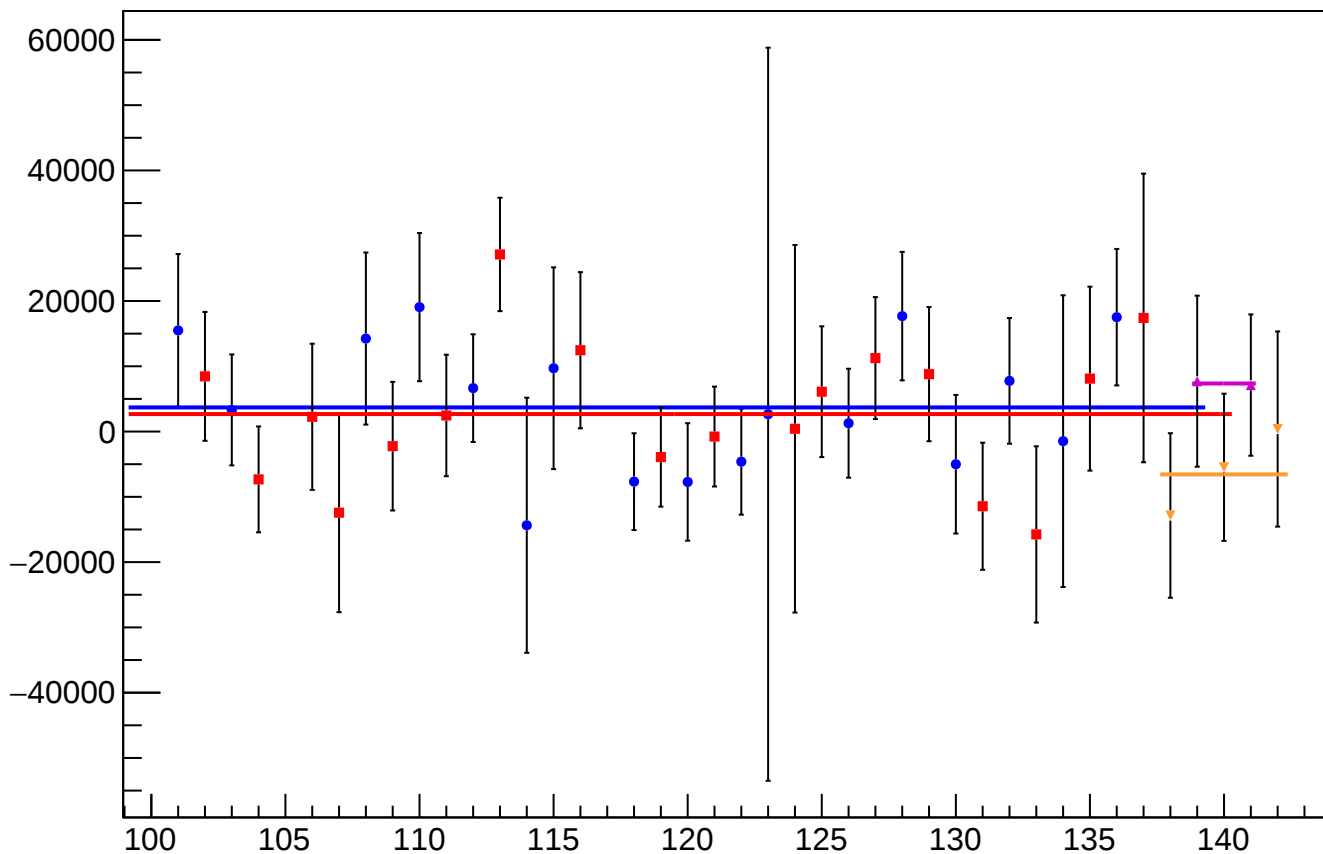
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 1632.795+/-0.771 χ^2/NDF :12141166.2/18

Out: 880.438+/-0.486 χ^2/NDF :14655958.0/20

All: 1094.432+/-0.411 χ^2/NDF : 27478191.0/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -6561.913+/-7325.137 χ^2/NDF : 0.5/2

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 7361.820+/-8345.251 χ^2/NDF : 0.0/1

Left: -502.631+/-5505.188 χ^2/NDF : 2.0/4

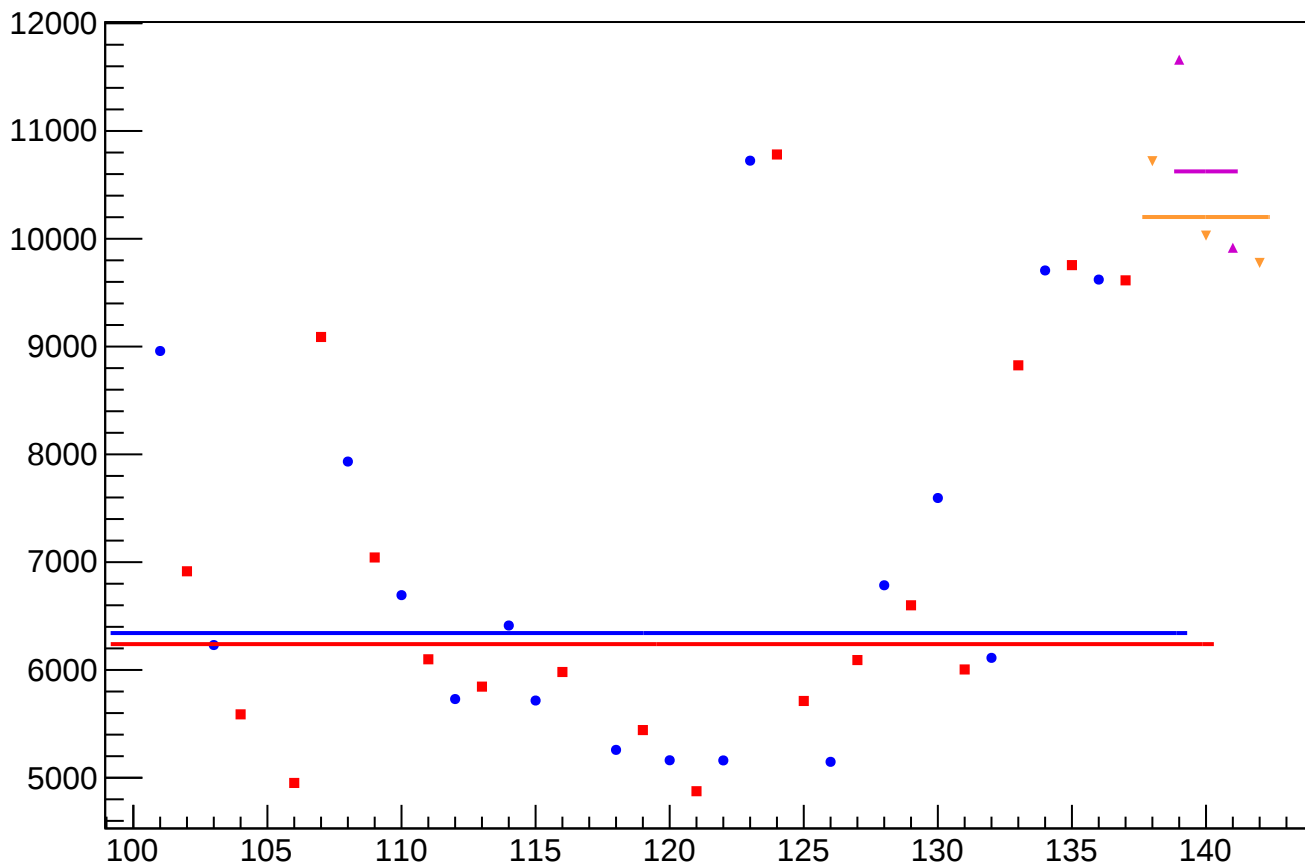
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 4004.113+/-2410.612 χ^2/NDF : 14.6/18

Out: 1764.229+/-2305.248 χ^2/NDF : 20.4/20

All: 2834.152+/-1666.060 χ^2/NDF : 35.5/39

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10201.801+/-5.180 χ^2/NDF : 5470.3/2

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10625.001+/-5.901 χ^2/NDF : 21077.6/1

Left: 10385.968+/-3.893 χ^2/NDF : 29453.0/4

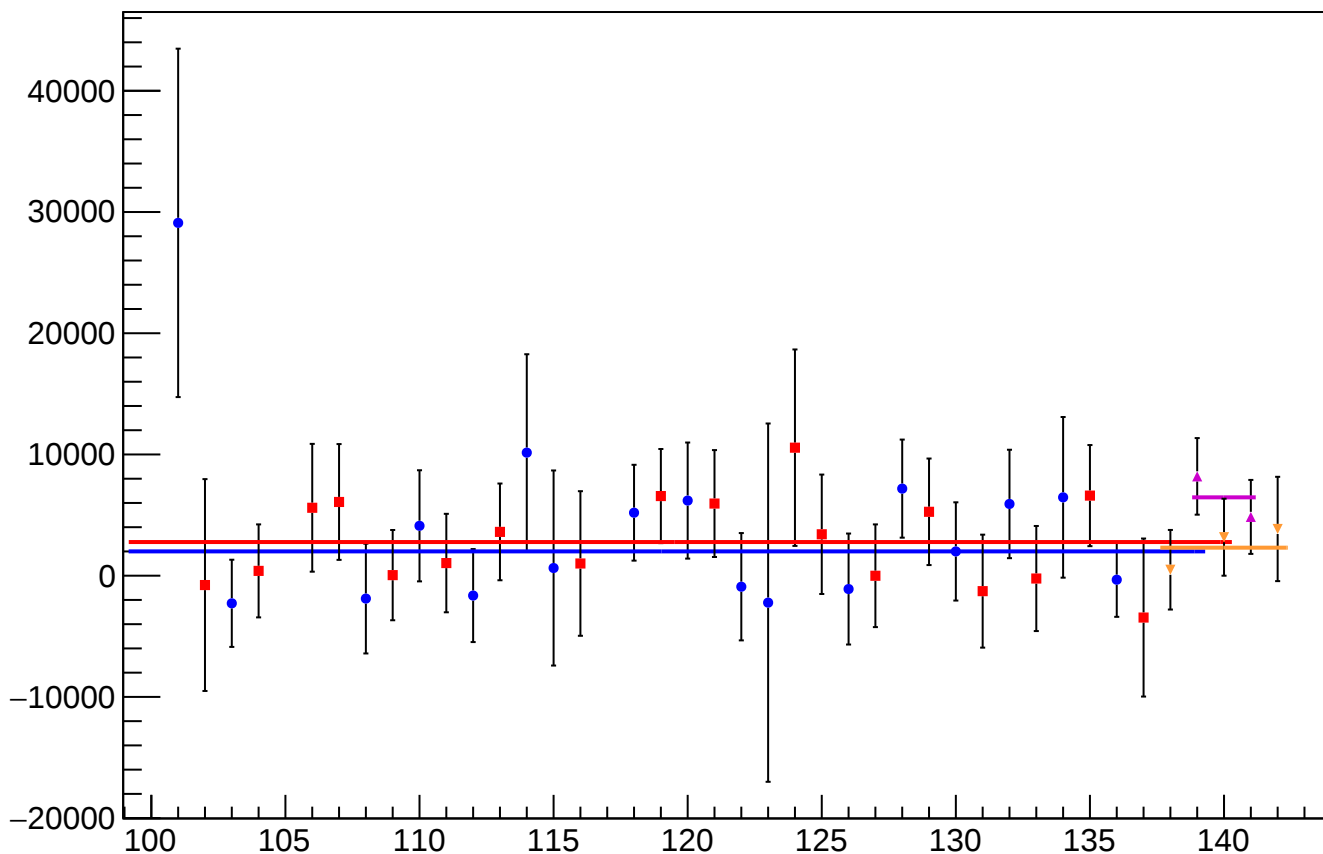
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6699.671+/-1.705 χ^2/NDF : 1097519.0/18

Out: 6632.091+/-1.630 χ^2/NDF : 1061888.2/20

All: 6664.371+/-1.178 χ^2/NDF : 2160228.3/39

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2311.406+/-2016.256 χ^2/NDF : 0.5/2

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 6462.666+/-2194.608 χ^2/NDF : 0.6/1

Left: 4211.523+/-1484.763 χ^2/NDF : 3.0/4

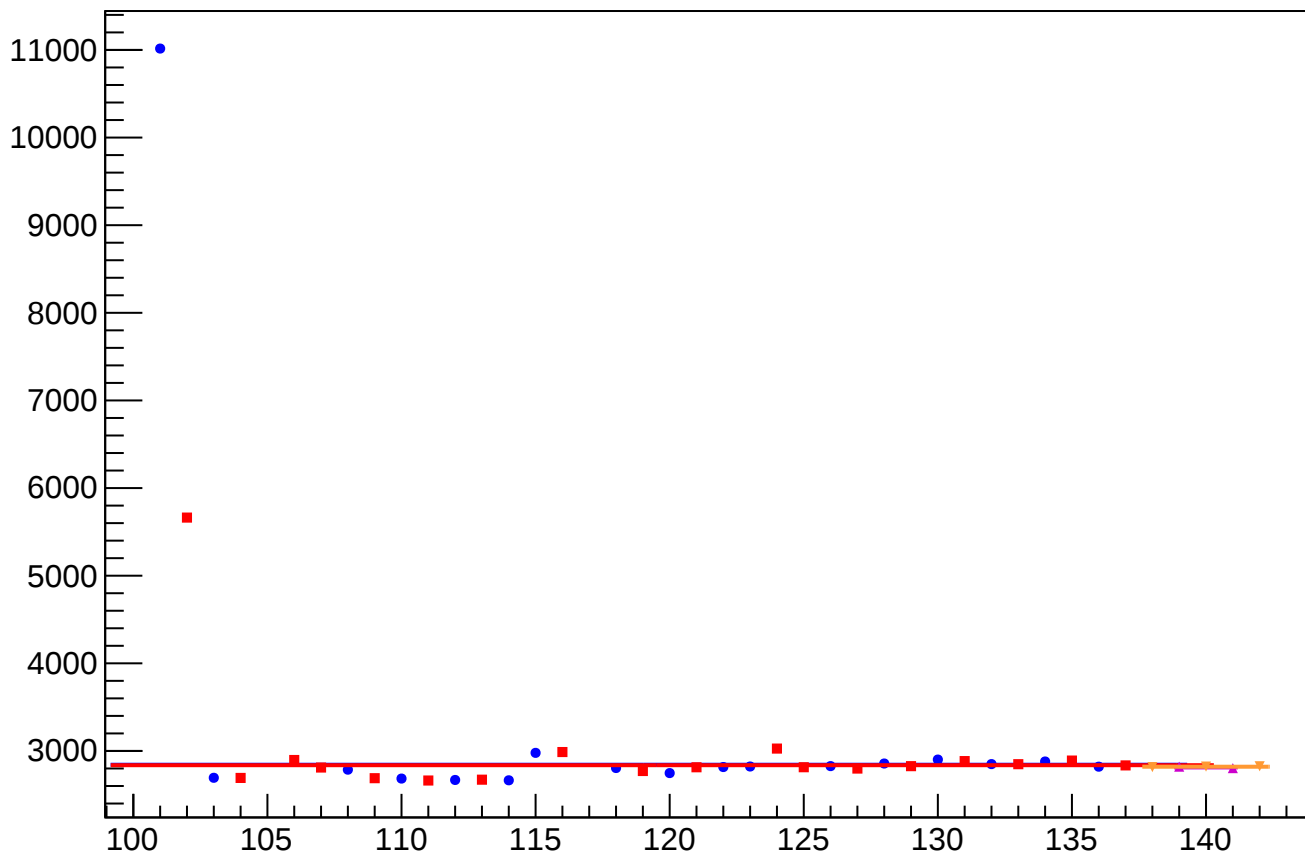
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2932.861+/-1001.430 χ^2/NDF : 17.5/18

Out: 2671.436+/-956.681 χ^2/NDF : 8.9/20

All: 2796.177+/-691.755 χ^2/NDF : 26.5/39

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2820.092 $\pm$ 1.426 χ^2 /NDF: 7.1/2

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2812.087 $\pm$ 1.552 χ^2 /NDF: 29.0/1

Left: 2816.428 $\pm$ 1.050 χ^2 /NDF: 50.5/4

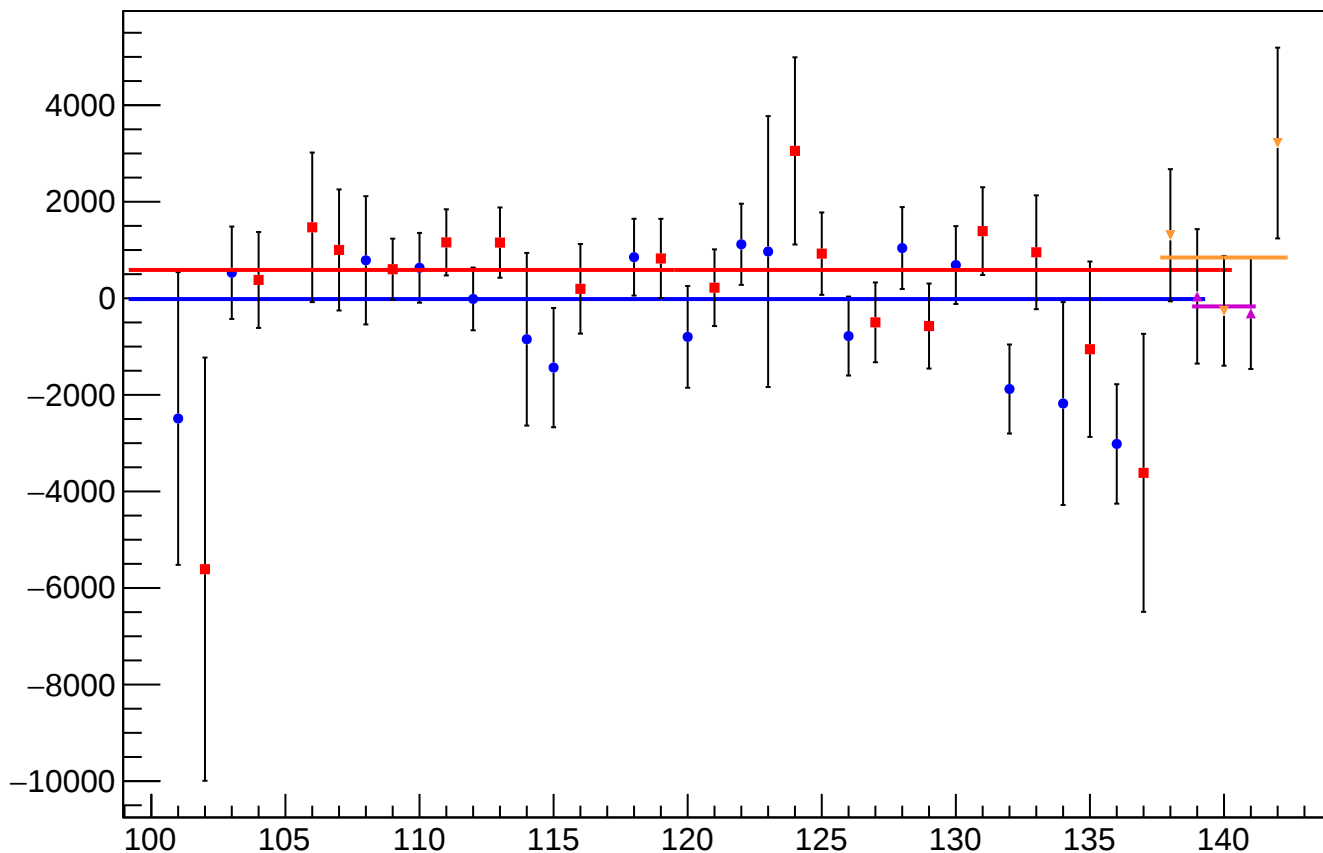
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2836.269 $\pm$ 0.708 χ^2 /NDF: 660640.8/18

Out: 2833.534 $\pm$ 0.676 χ^2 /NDF: 226543.7/20

All: 2834.839 $\pm$ 0.489 χ^2 /NDF: 887192.3/39

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: 844.769 ± 799.568 χ^2/NDF : 2.5/2

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: -167.898 ± 888.211 χ^2/NDF : 0.0/1

Left: 391.475 ± 594.255 χ^2/NDF : 3.3/4

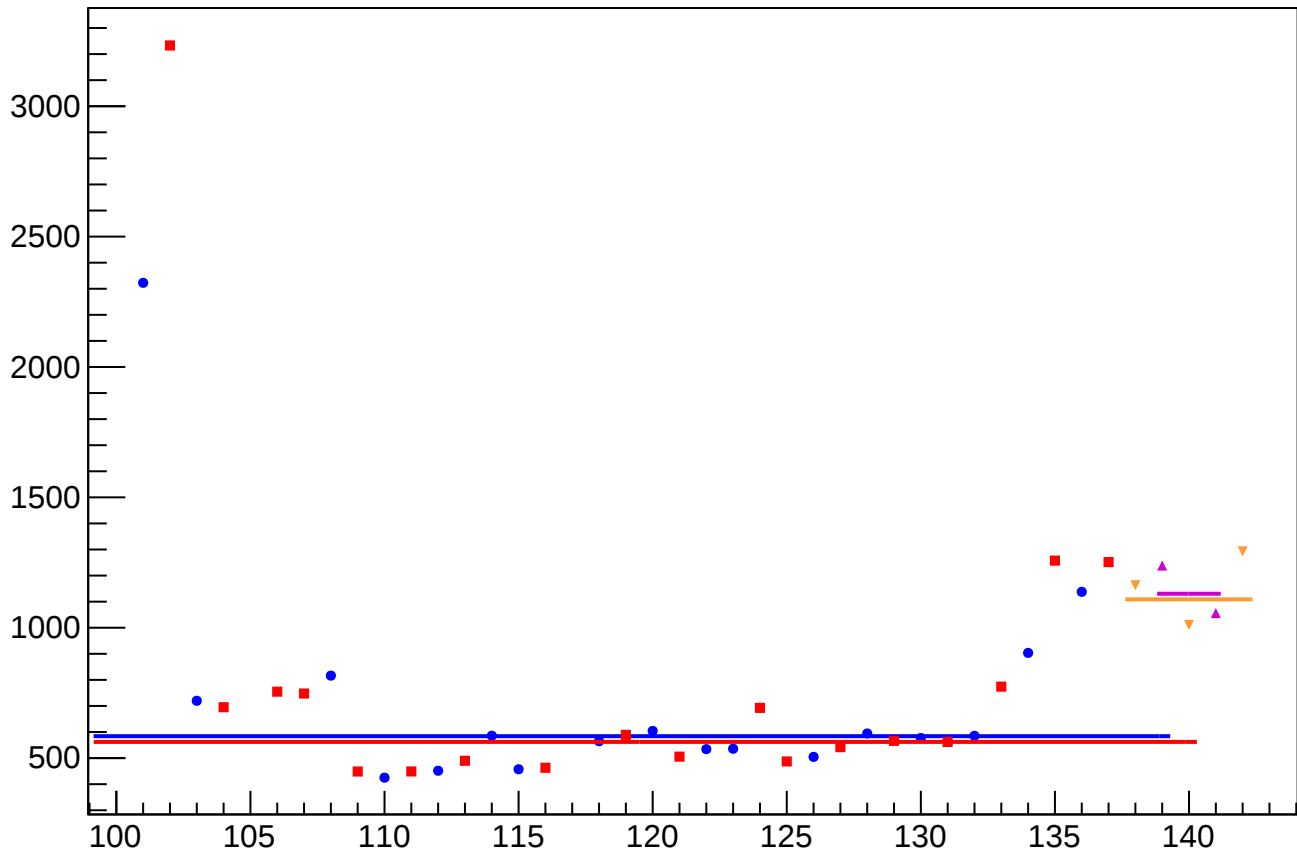
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -25.900 ± 230.667 χ^2/NDF : 21.7/18

Out: 606.605 ± 217.311 χ^2/NDF : 15.9/20

All: 309.193 ± 158.173 χ^2/NDF : 41.6/39

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2 /NDF: 1436613.4/16

Left Out: 1108.762 $\pm$ 0.565 χ^2 /NDF:35411.7/2

Right Out: 562.122 $\pm$ 0.160 χ^2 /NDF: 1525298.9/17

Left In: 1130.372 $\pm$ 0.628 χ^2 /NDF:20357.8/1

Left: 1118.435 $\pm$ 0.420 χ^2 /NDF: 56423.4/4

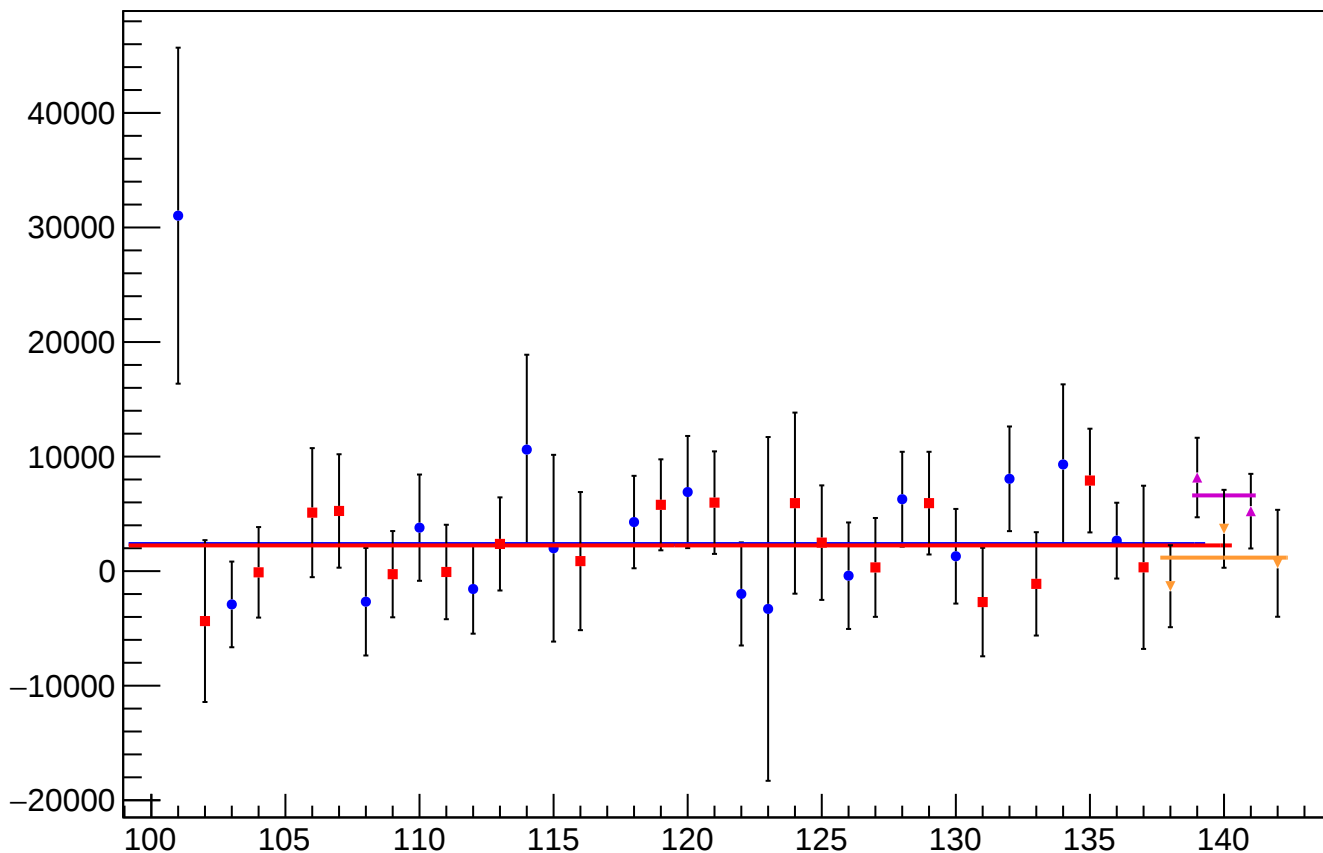
Right: 572.473 $\pm$ 0.116 χ^2 /NDF: 2970817.1/34

In: 620.900 $\pm$ 0.163 χ^2 /NDF:2162578.1/18

Out: 602.501 $\pm$ 0.154 χ^2 /NDF:2426468.4/20

All: 611.153 $\pm$ 0.112 χ^2 /NDF: 4595788.4/39

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1178.312 $\pm$ 2179.832 χ^2 /NDF:1.0/2

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 6610.312 $\pm$ 2375.118 χ^2 /NDF:0.4/1

Left: 3661.852 $\pm$ 1605.982 χ^2 /NDF: 4.3/4

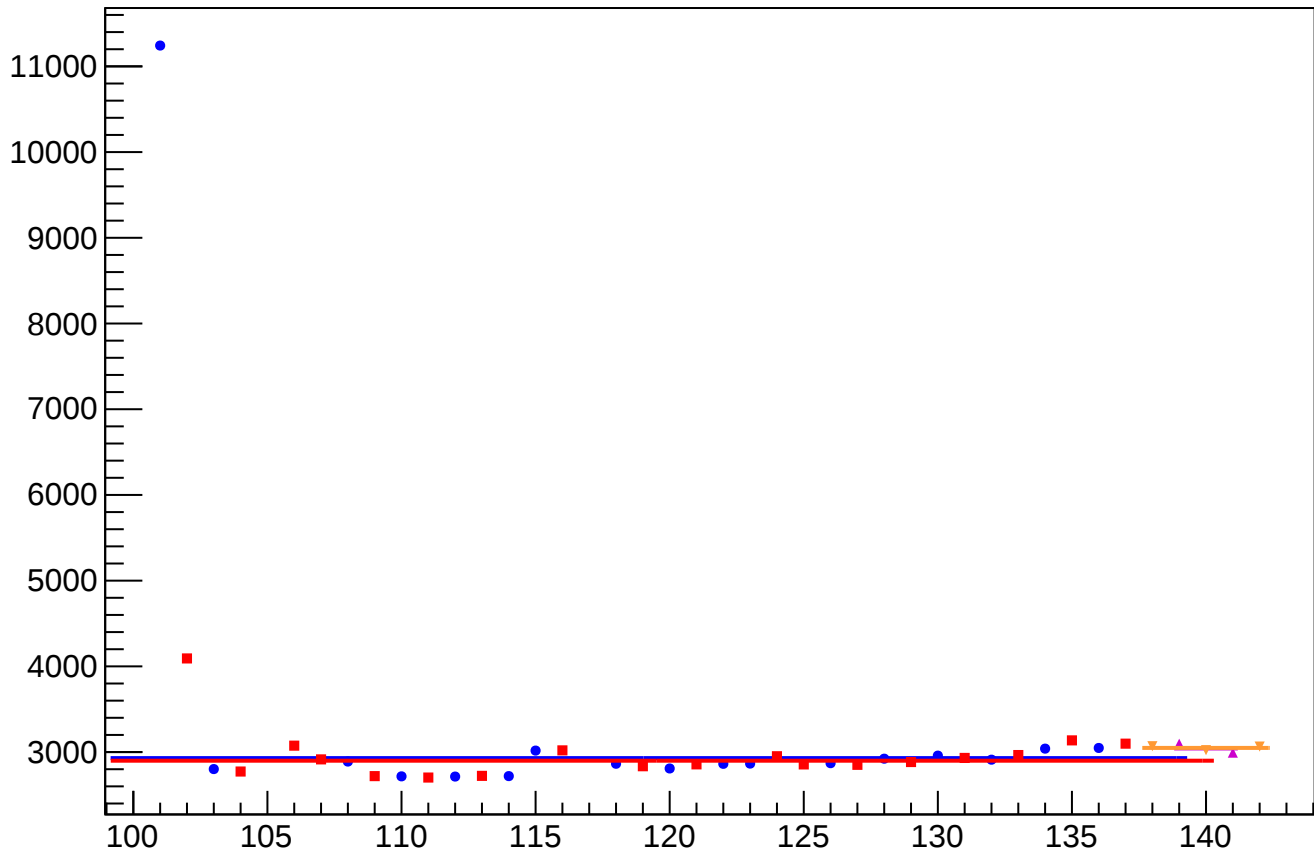
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3180.771 $\pm$ 1042.287 χ^2 /NDF:18.0/18

Out: 2025.079 $\pm$ 990.510 χ^2 /NDF:9.8/20

All: 2573.508 $\pm$ 718.003 χ^2 /NDF: 28.5/39

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3048.595+/-1.541 χ^2/NDF : 203.0/2

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

Left: 3045.662+/-1.136 χ^2/NDF : 1172.6/4

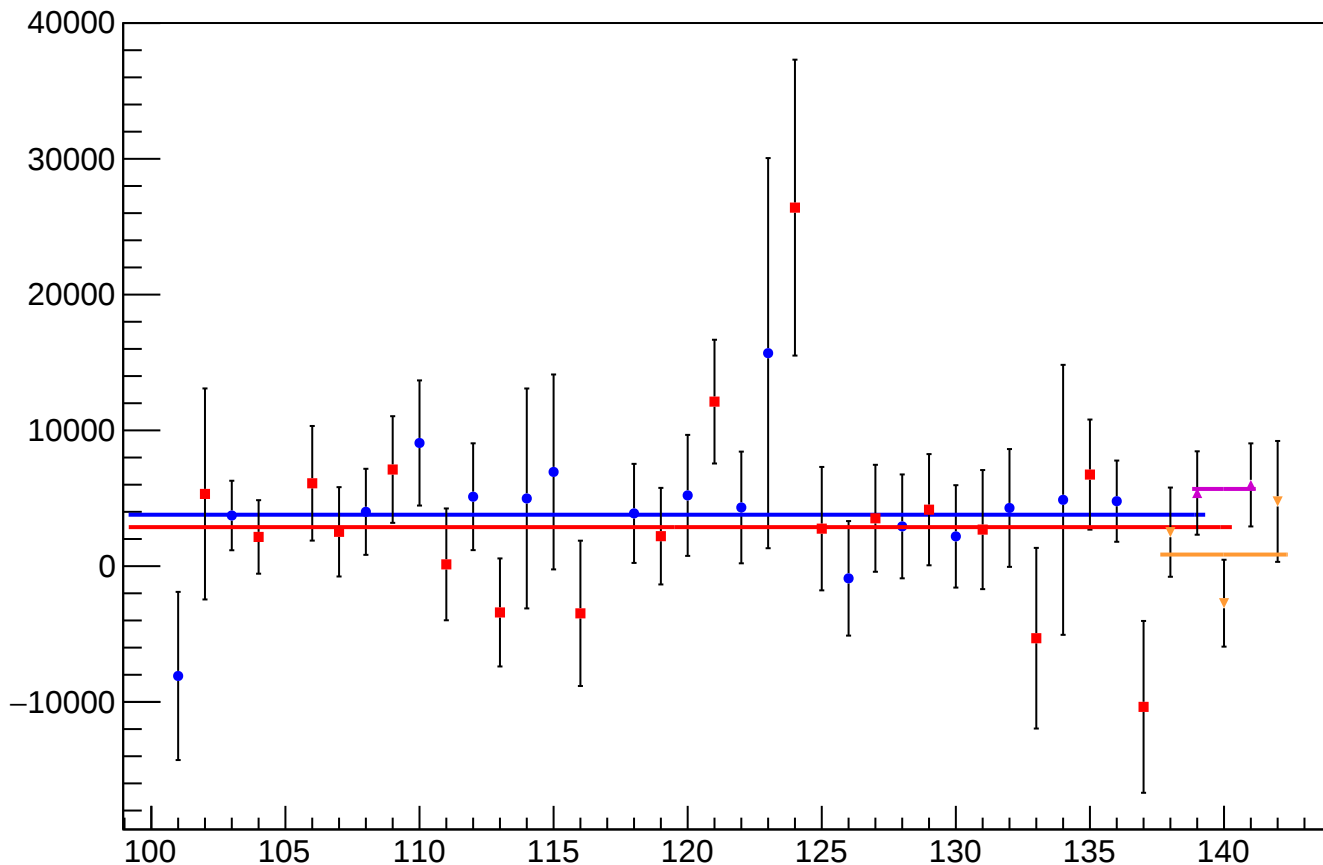
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2951.324+/-0.737 χ^2/NDF : 667215.4/18

Out: 2930.230+/-0.700 χ^2/NDF : 91177.5/20

All: 2940.240+/-0.508 χ^2/NDF : 758823.3/39

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 854.731+/-2037.984 χ^2/NDF : 2.3/2

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 5686.641+/-2167.773 χ^2/NDF : 0.0/1

Left: 3121.715+/-1484.837 χ^2/NDF : 4.9/4

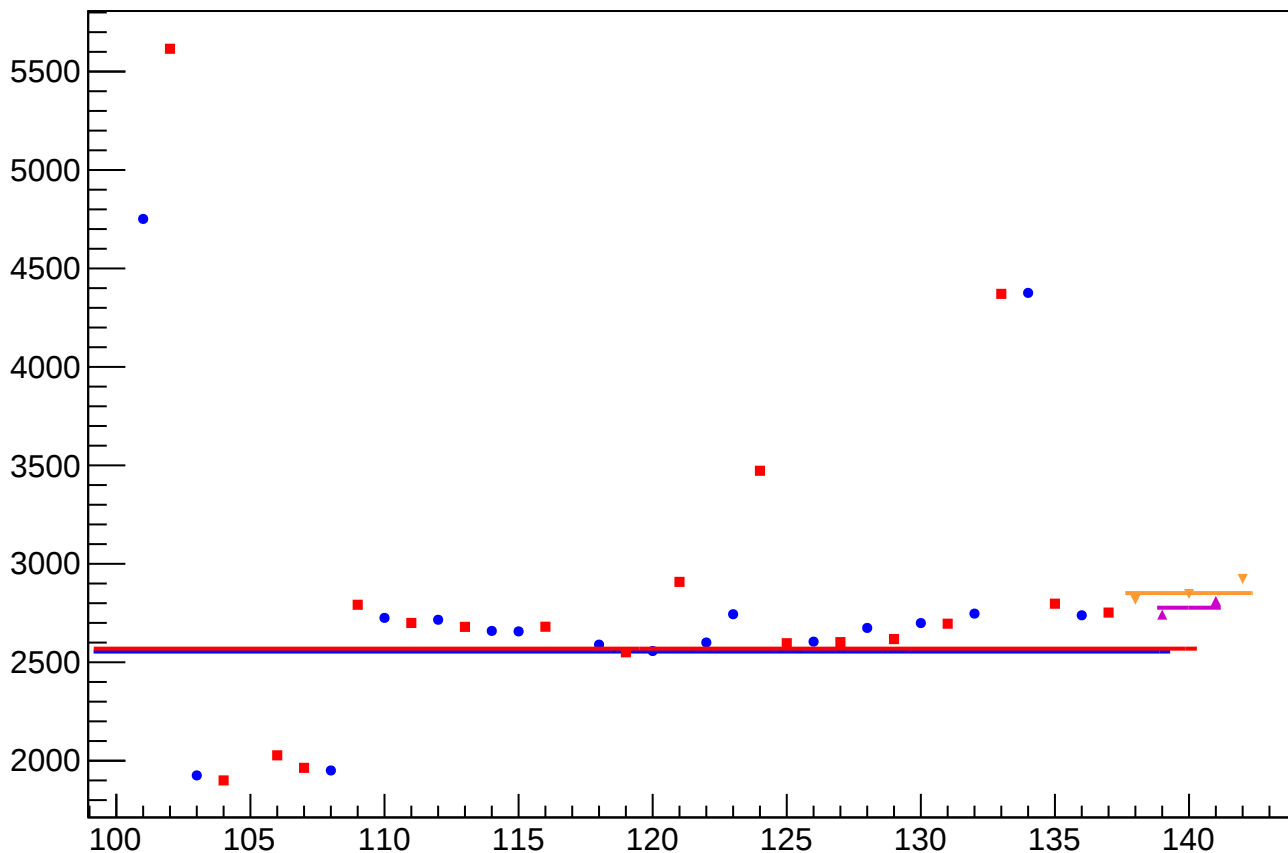
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 4125.474+/-914.107 χ^2/NDF : 8.4/18

Out: 2480.146+/-900.695 χ^2/NDF : 25.1/20

All: 3290.651+/-641.577 χ^2/NDF : 35.1/39

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 ± 0.713 $\chi^2/\text{NDF}: 536626.0/16$

Left Out: 2851.362 ± 1.441 $\chi^2/\text{NDF}: 738.7/2$

Right Out: 2569.256 ± 0.710 $\chi^2/\text{NDF}: 723332.1/17$

Left In: 2777.135 ± 1.533 $\chi^2/\text{NDF}: 515.3/1$

Left: 2816.537 ± 1.050 $\chi^2/\text{NDF}: 2498.8/4$

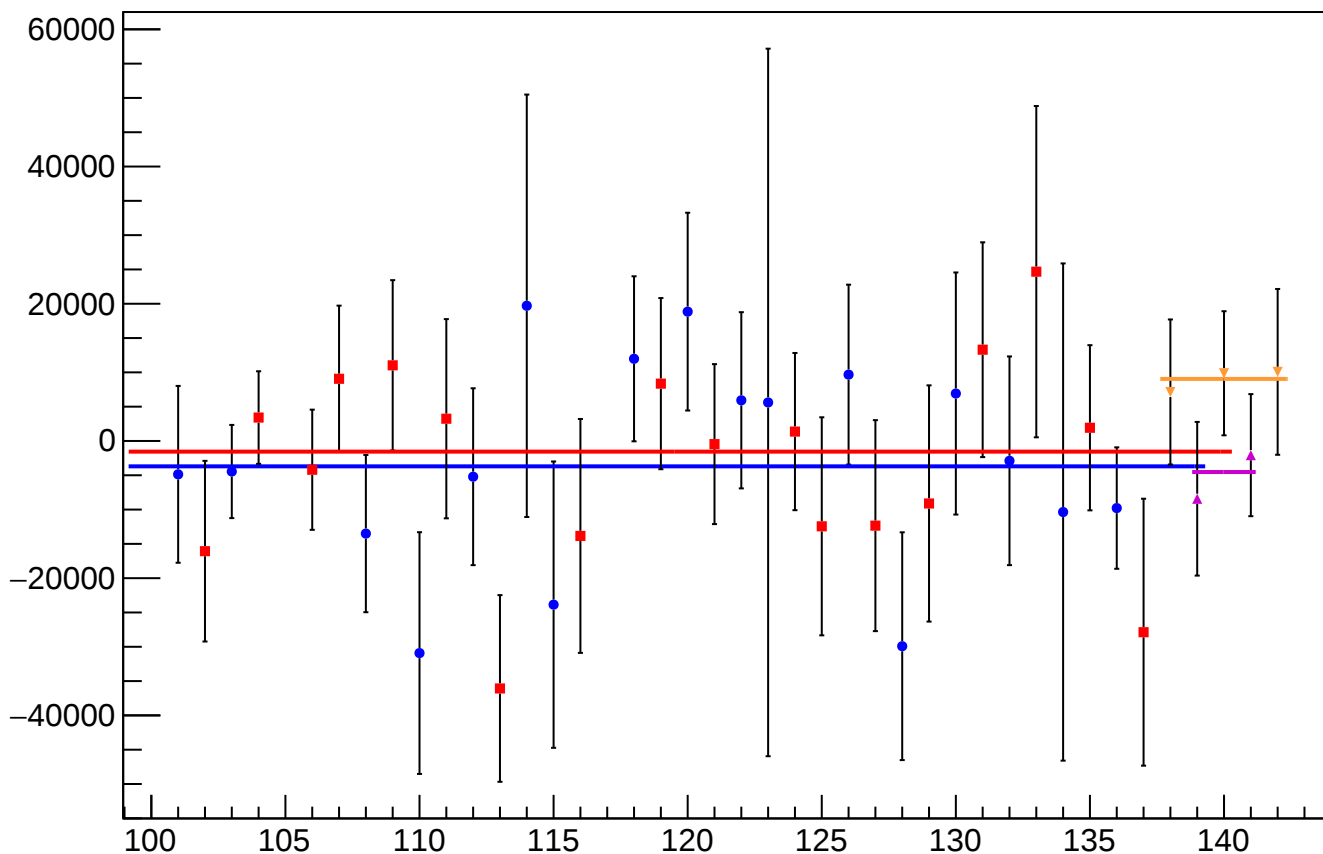
Right: 2561.929 ± 0.503 $\chi^2/\text{NDF}: 1260172.2/34$

In: 2594.118 ± 0.646 $\chi^2/\text{NDF}: 554479.8/18$

Out: 2624.322 ± 0.637 $\chi^2/\text{NDF}: 754912.9/20$

All: 2609.448 ± 0.454 $\chi^2/\text{NDF}: 1310501.1/39$

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 9045.665+/-5973.384 χ^2/NDF : 0.0/2

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: -4527.491+/-6966.734 χ^2/NDF : 0.2/1

Left: 3294.928+/-4534.721 χ^2/NDF : 2.4/4

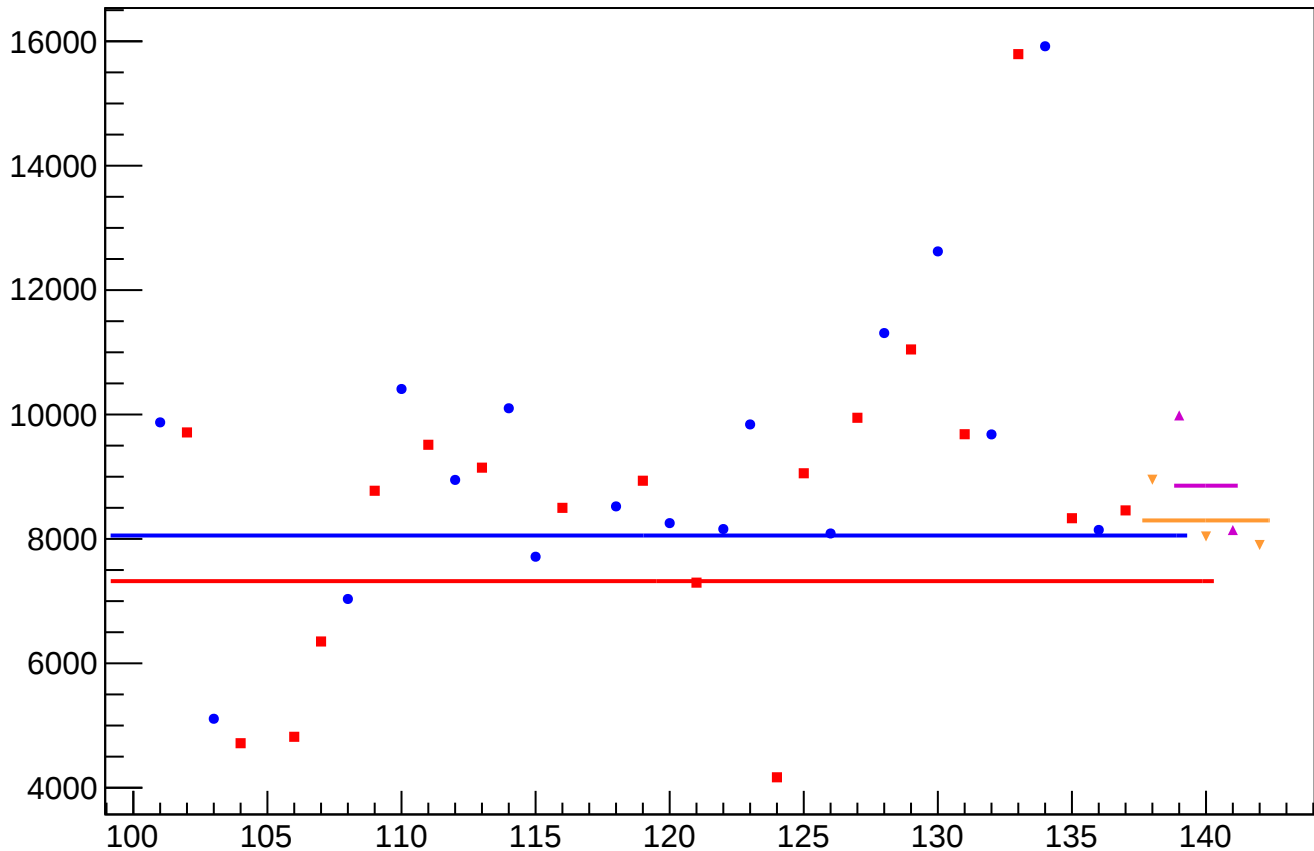
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -3845.103+/-2921.284 χ^2/NDF : 14.0/18

Out: 479.693+/-2617.365 χ^2/NDF : 19.4/20

All: -1446.105+/-1949.379 χ^2/NDF : 34.6/39

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8297.208 $\pm$ 4.224 χ^2/NDF :11430.1/2

Right Out: 7321.428 $\pm$ 2.059 χ^2/NDF : 1335956.4/17

Left In: 8855.853 $\pm$ 4.926 χ^2/NDF :33184.2/1

Left: 8533.897 $\pm$ 3.207 χ^2/NDF : 52025.7/4

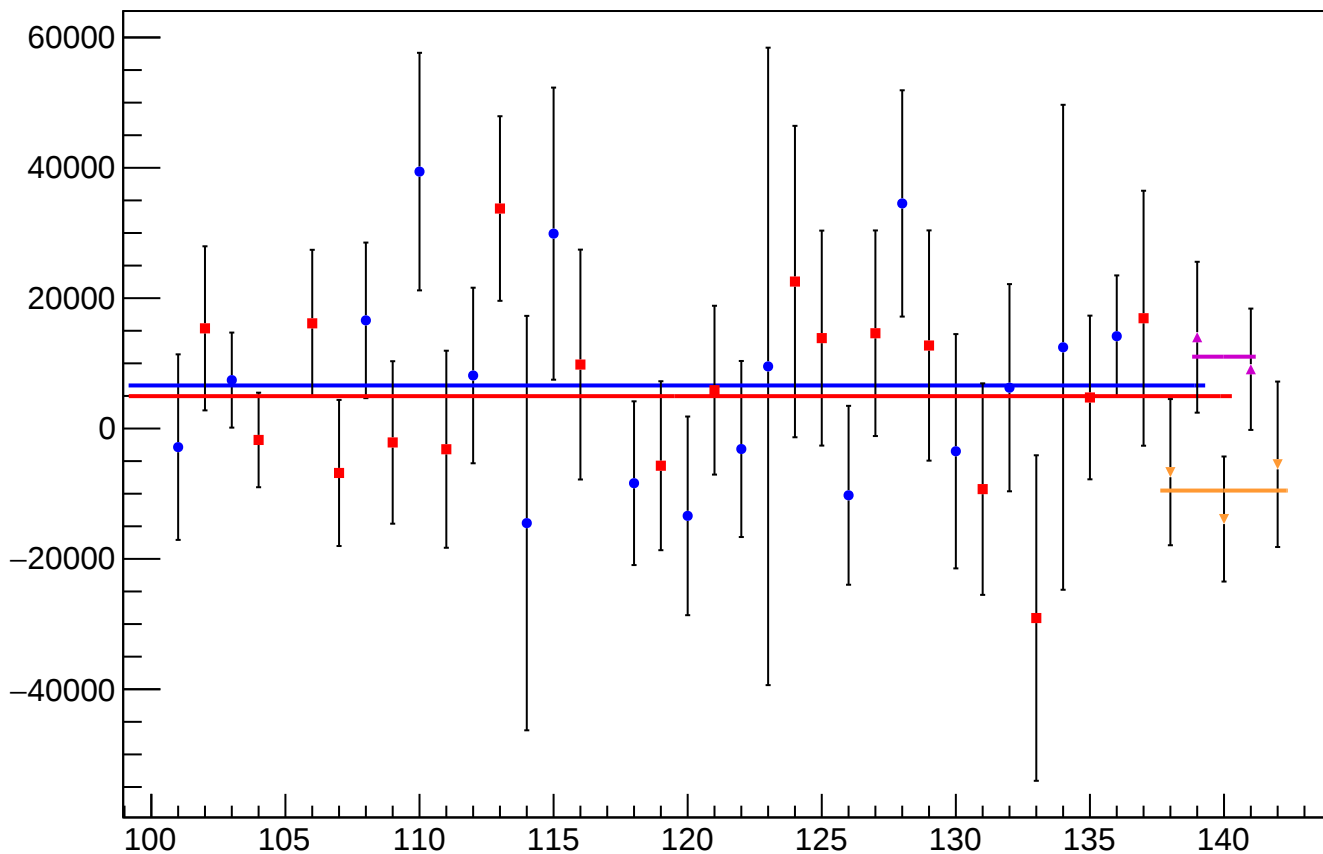
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

In: 8195.625 $\pm$ 2.066 χ^2/NDF :875741.8/18

Out: 7508.771 $\pm$ 1.851 χ^2/NDF :1390509.3/20

All: 7814.622 $\pm$ 1.378 χ^2/NDF : 2327581.5/39

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -9516.738+/-6321.504 χ^2/NDF : 0.4/2

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 11023.672+/-7253.222 χ^2/NDF : 0.1/1

Left: -649.740+/-4765.569 χ^2/NDF : 5.0/4

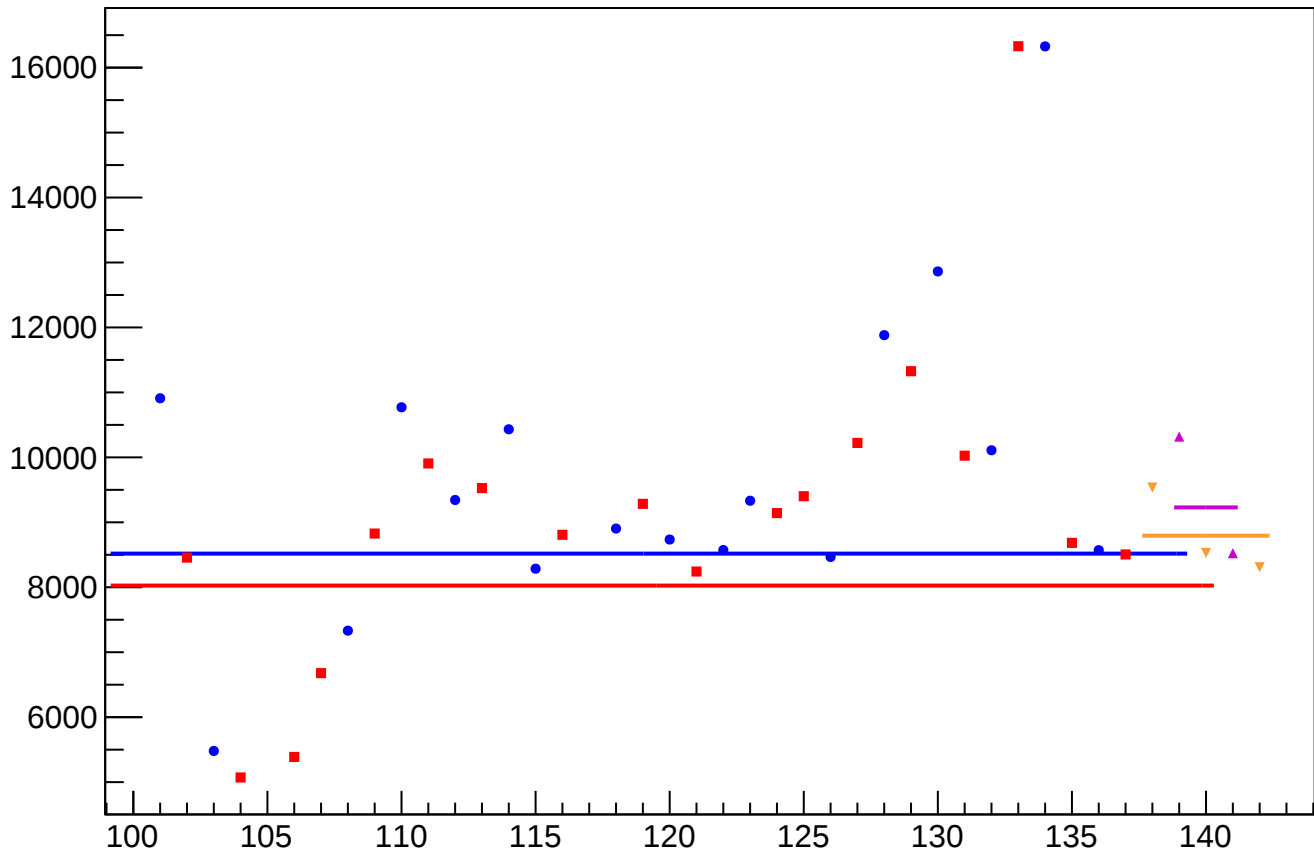
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 7401.344+/-3075.483 χ^2/NDF : 15.1/18

Out: 2047.250+/-2838.575 χ^2/NDF : 18.1/20

All: 4510.164+/-2085.907 χ^2/NDF : 34.9/39

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8794.086+/-4.470 χ^2/NDF : 13191.4/2

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9229.705+/-5.129 χ^2/NDF : 29228.7/1

Left: 8982.136+/-3.370 χ^2/NDF : 46519.9/4

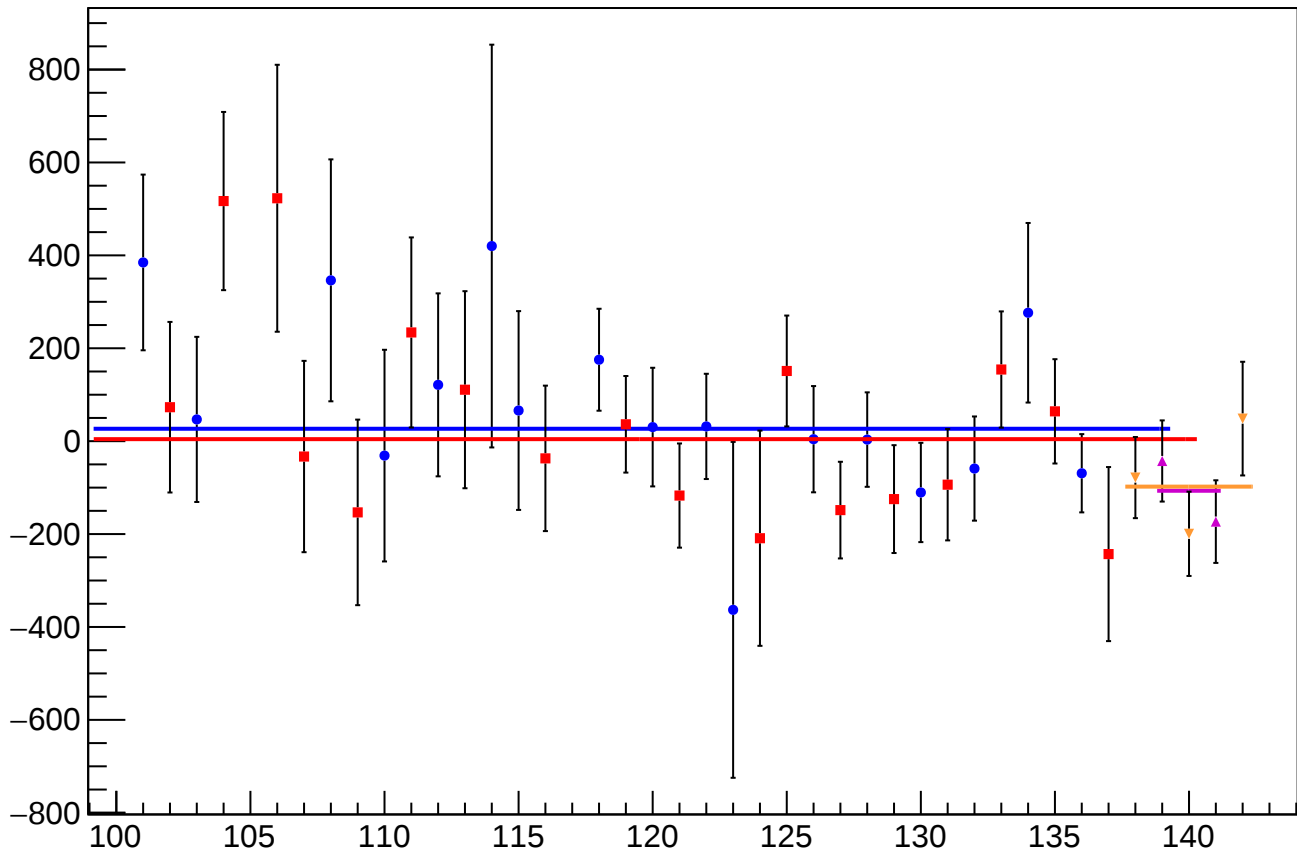
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8646.181+/-2.175 χ^2/NDF : 817005.6/18

Out: 8180.898+/-2.007 χ^2/NDF : 979419.6/20

All: 8394.924+/-1.475 χ^2/NDF : 1821144.6/39

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -97.853 ± 55.971 $\chi^2/\text{NDF}: 2.7/2$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -106.751 ± 62.326 $\chi^2/\text{NDF}: 1.1/1$

Left: -101.825 ± 41.643 $\chi^2/\text{NDF}: 3.8/4$

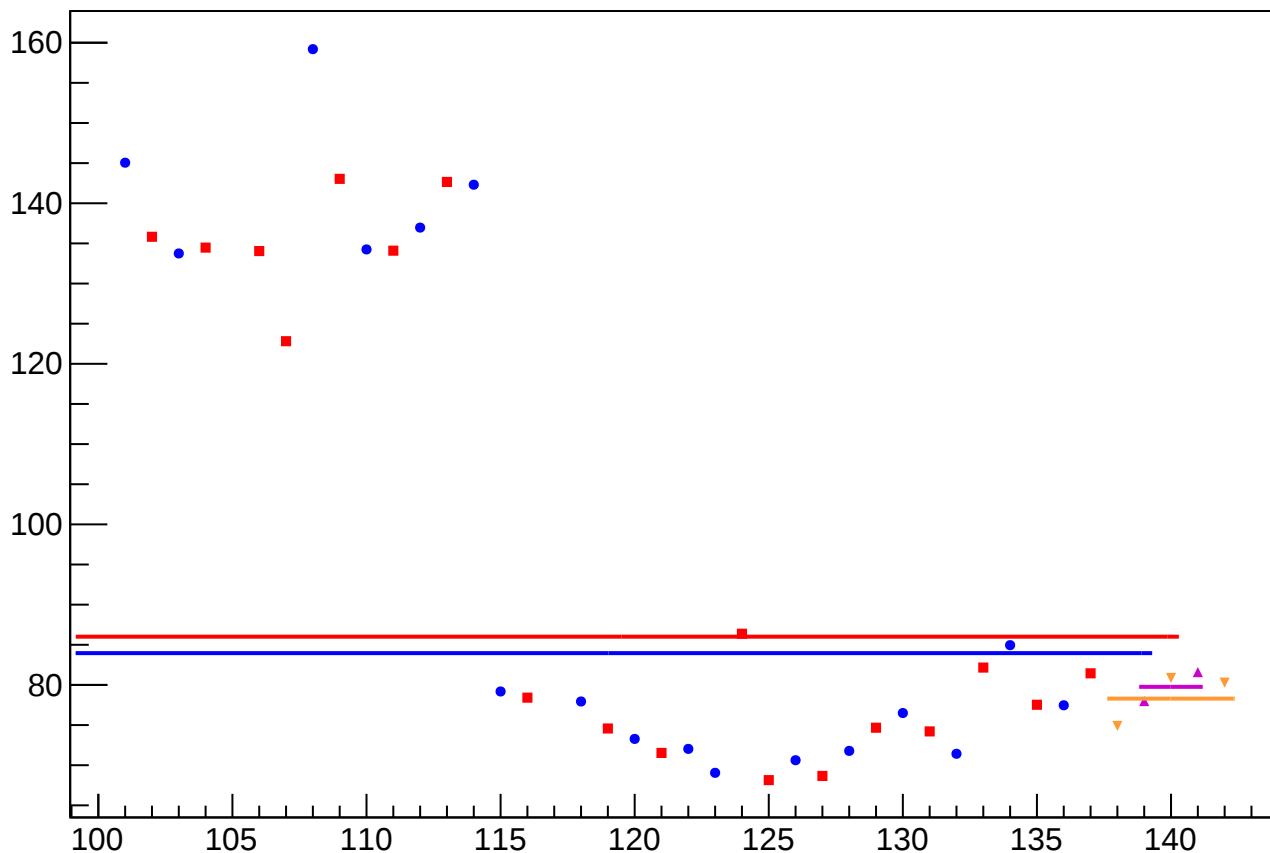
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -3.378 ± 29.594 $\chi^2/\text{NDF}: 19.2/18$

Out: -23.020 ± 28.960 $\chi^2/\text{NDF}: 29.1/20$

All: -13.411 ± 20.698 $\chi^2/\text{NDF}: 48.5/39$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 78.296+/-0.040 χ^2/NDF : 5172.6/2

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 79.762+/-0.044 χ^2/NDF : 1675.9/1

Left: 78.951+/-0.029 χ^2/NDF : 7460.4/4

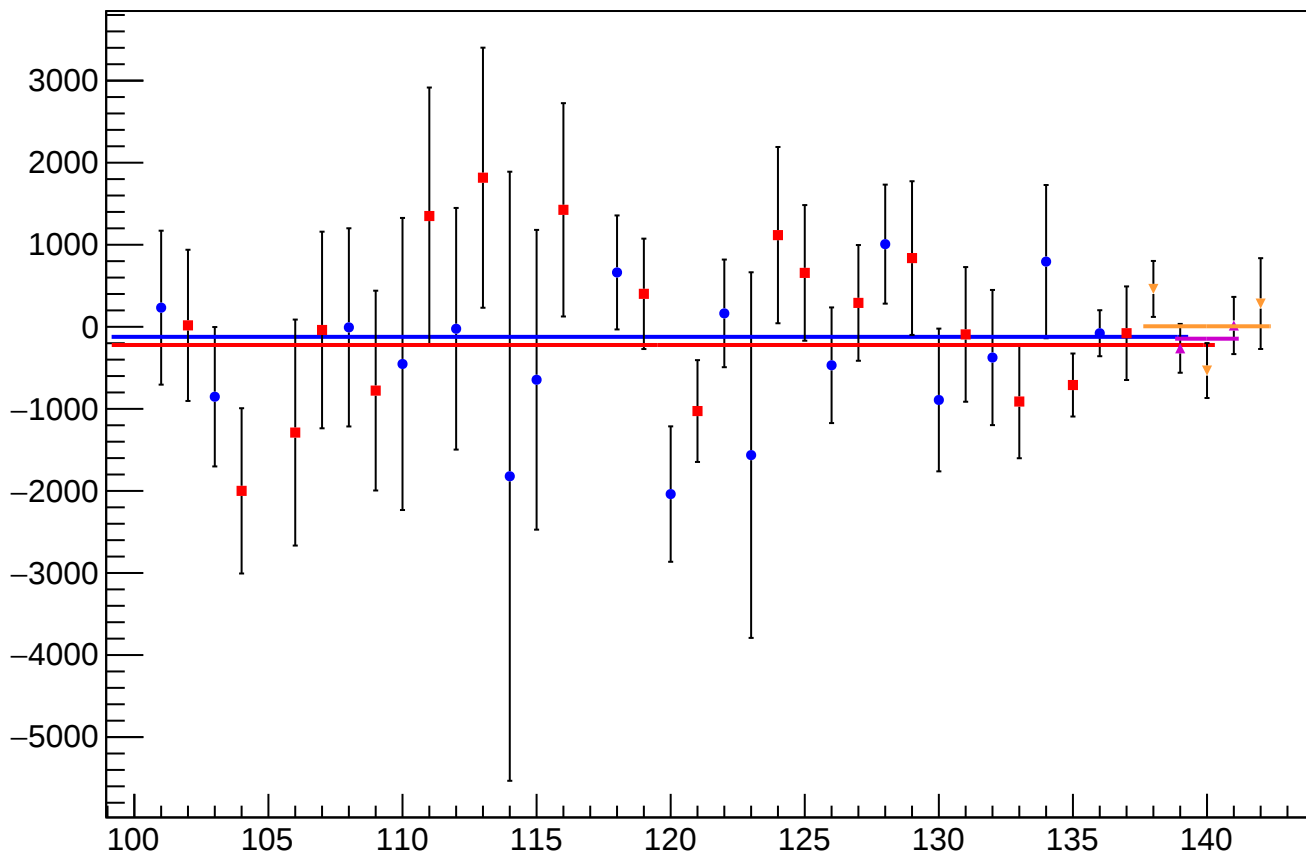
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.014+/-0.021 χ^2/NDF : 968960.9/18

Out: 83.947+/-0.020 χ^2/NDF : 1059408.1/20

All: 83.490+/-0.015 χ^2/NDF : 2029383.5/39

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 6.379 ± 219.280 $\chi^2/\text{NDF}: 4.6/2$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -144.928 ± 226.252 $\chi^2/\text{NDF}: 0.4/1$

Left: -66.907 ± 157.462 $\chi^2/\text{NDF}: 5.2/4$

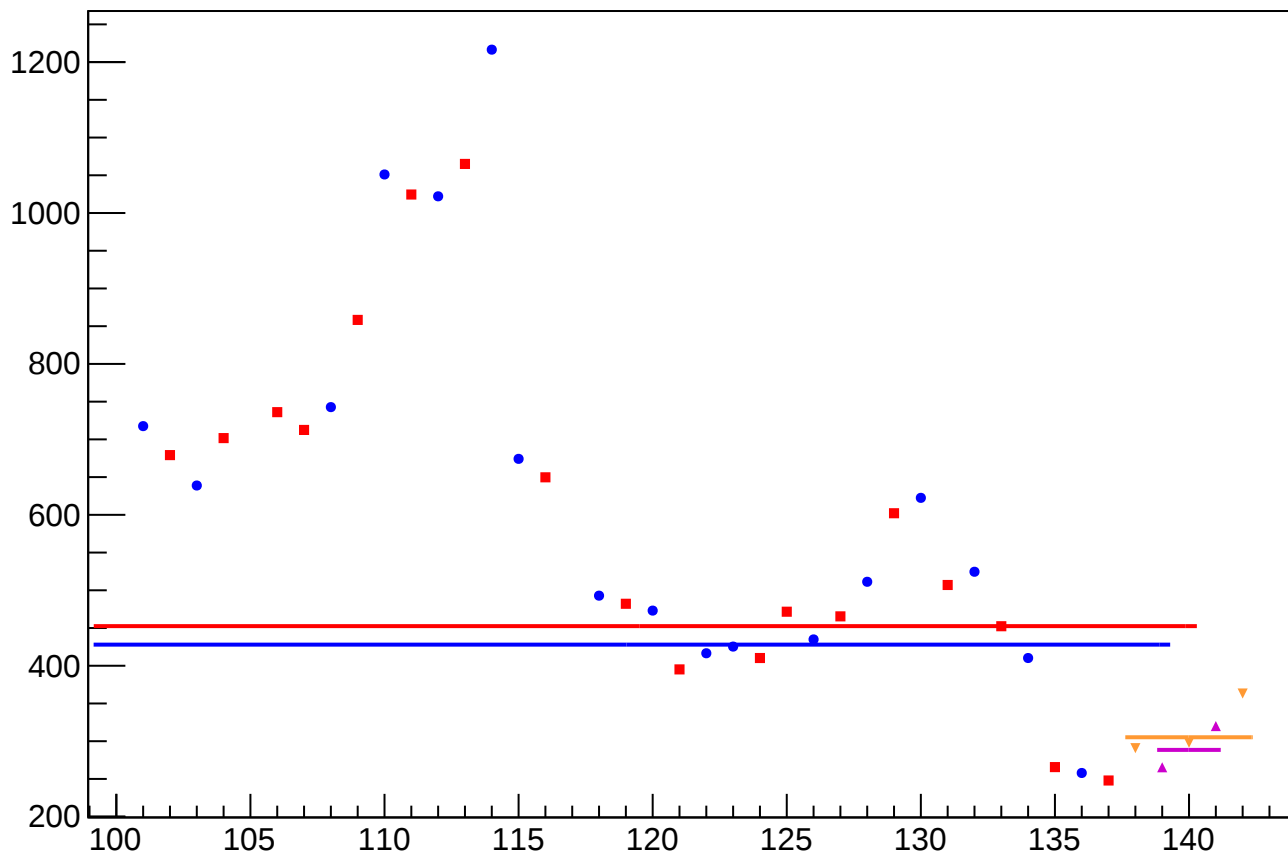
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -131.114 ± 140.662 $\chi^2/\text{NDF}: 13.4/18$

Out: -126.701 ± 141.443 $\chi^2/\text{NDF}: 23.3/20$

All: -128.920 ± 99.738 $\chi^2/\text{NDF}: 36.7/39$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 305.229+/-0.155 χ^2/NDF : 26477.7/2

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 288.477+/-0.160 χ^2/NDF : 28406.2/1

Left: 297.115+/-0.111 χ^2/NDF : 60537.5/4

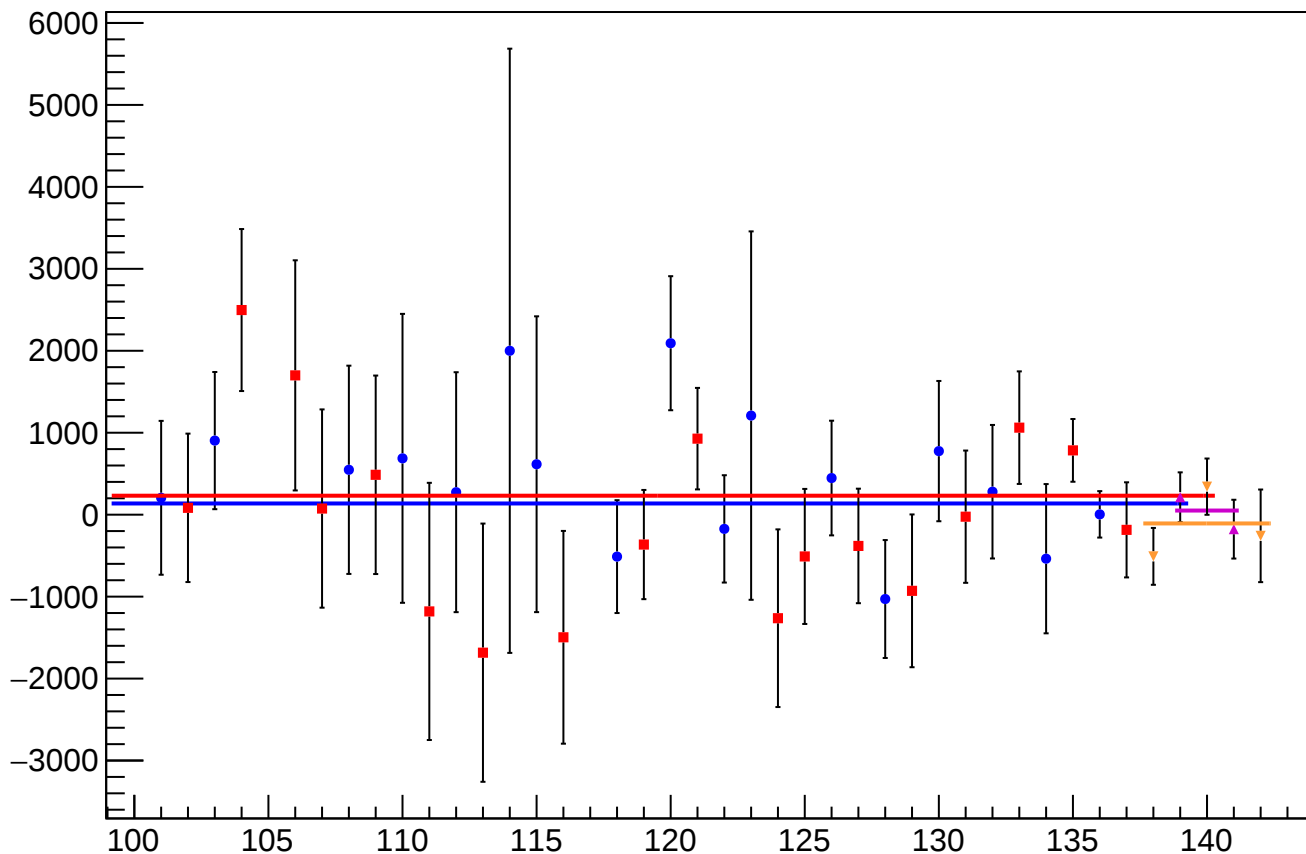
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 374.063+/-0.099 χ^2/NDF : 2557147.8/18

Out: 391.230+/-0.100 χ^2/NDF : 2626338.8/20

All: 382.599+/-0.071 χ^2/NDF : 5198297.6/39

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -107.002 $\pm$ 224.017 χ^2 /NDF:3.1/2

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 50.465 $\pm$ 231.666 χ^2 /NDF:0.7/1

Left: -30.911 $\pm$ 161.040 χ^2 /NDF: 4.1/4

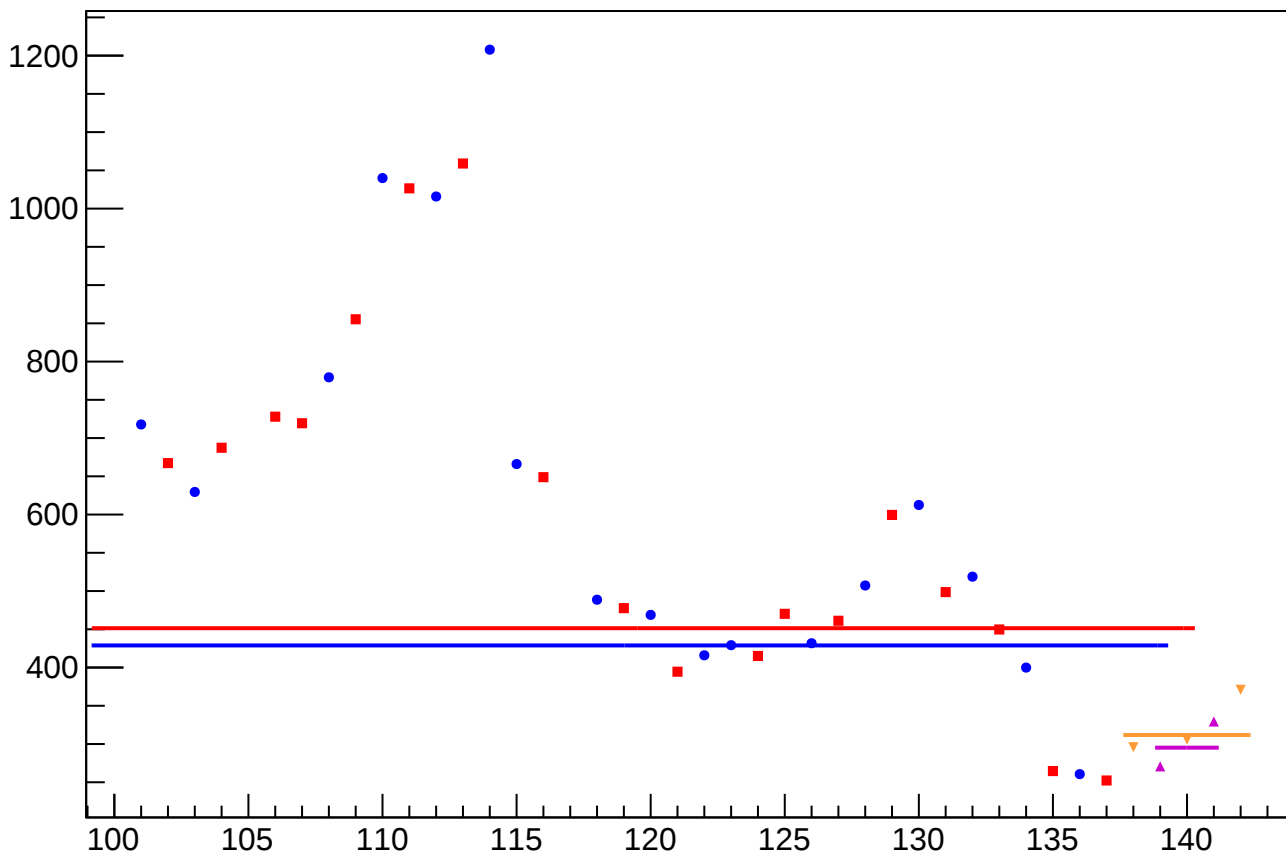
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 104.394 $\pm$ 141.945 χ^2 /NDF:13.4/18

Out: 94.672 $\pm$ 142.452 χ^2 /NDF:26.2/20

All: 99.550 $\pm$ 100.549 χ^2 /NDF: 39.6/39

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 311.813+/-0.158 χ^2/NDF : 26744.9/2

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 295.241+/-0.164 χ^2/NDF : 31202.5/1

Left: 303.805+/-0.114 χ^2/NDF : 63236.1/4

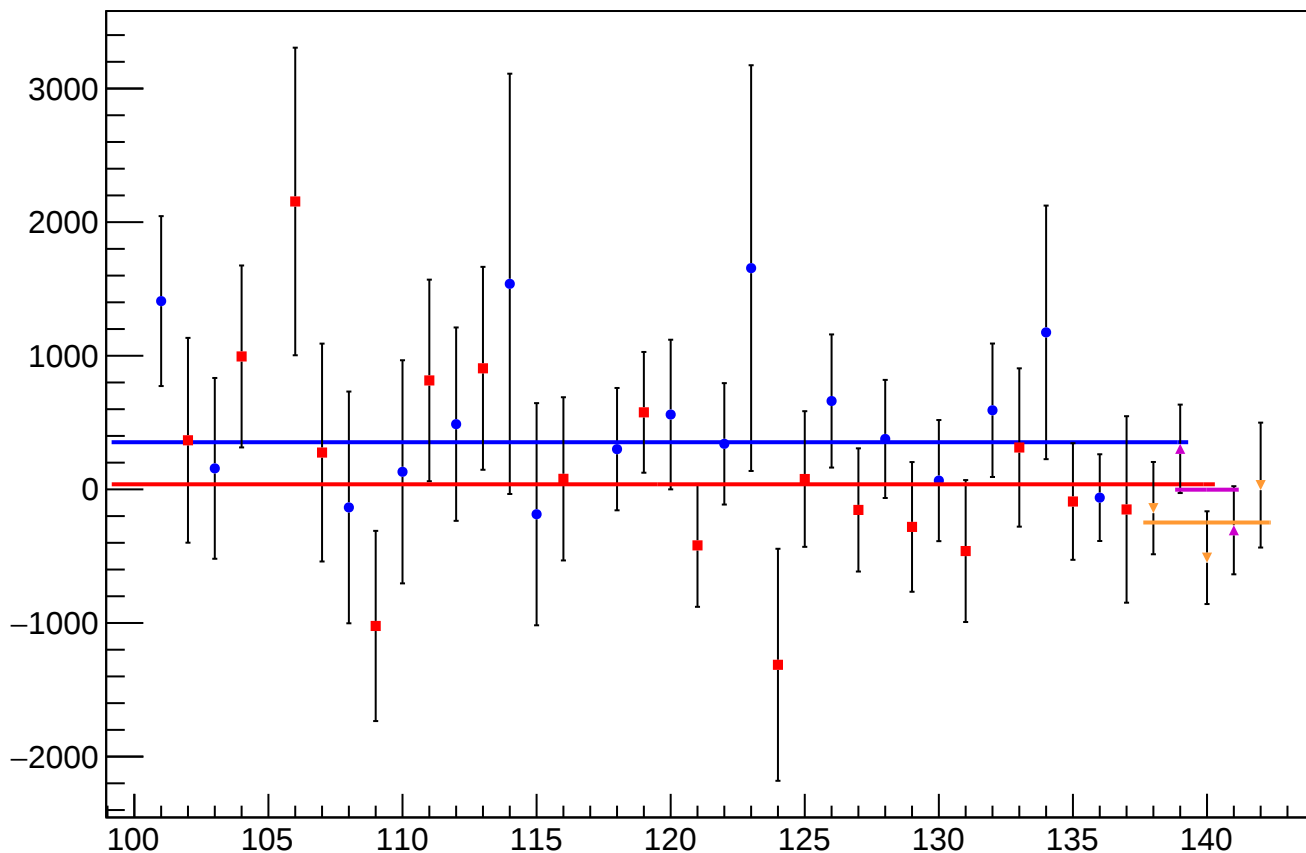
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 378.715+/-0.100 χ^2/NDF : 2457535.0/18

Out: 394.962+/-0.101 χ^2/NDF : 2520088.1/20

All: 386.809+/-0.071 χ^2/NDF : 4990677.3/39

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927+/-137.298 χ^2/NDF : 8.5/16

Left Out: -247.998+/-216.888 χ^2/NDF : 1.0/2

Right Out: 37.982+/-139.023 χ^2/NDF : 16.9/17

Left In: -2.349+/-233.562 χ^2/NDF : 1.7/1

Left: -134.254+/-158.931 χ^2/NDF : 3.3/4

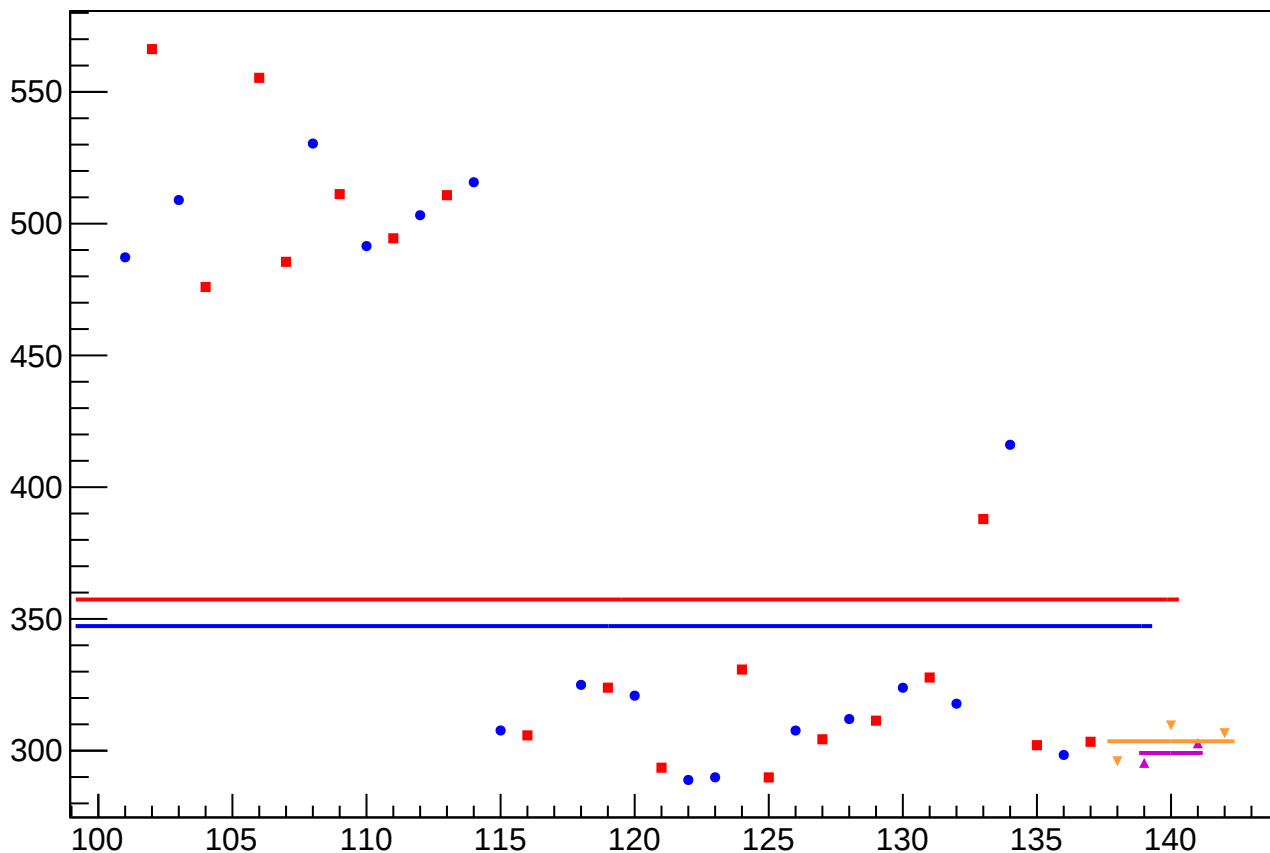
Right: 197.421+/-97.689 χ^2/NDF : 28.1/34

In: 261.687+/-118.362 χ^2/NDF : 12.0/18

Out: -45.300+/-117.043 χ^2/NDF : 19.2/20

All: 106.473+/-83.224 χ^2/NDF : 34.5/39

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 303.570+/-0.153 χ^2/NDF : 1653.4/2

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 299.119+/-0.165 χ^2/NDF : 505.3/1

Left: 301.509+/-0.112 χ^2/NDF : 2548.7/4

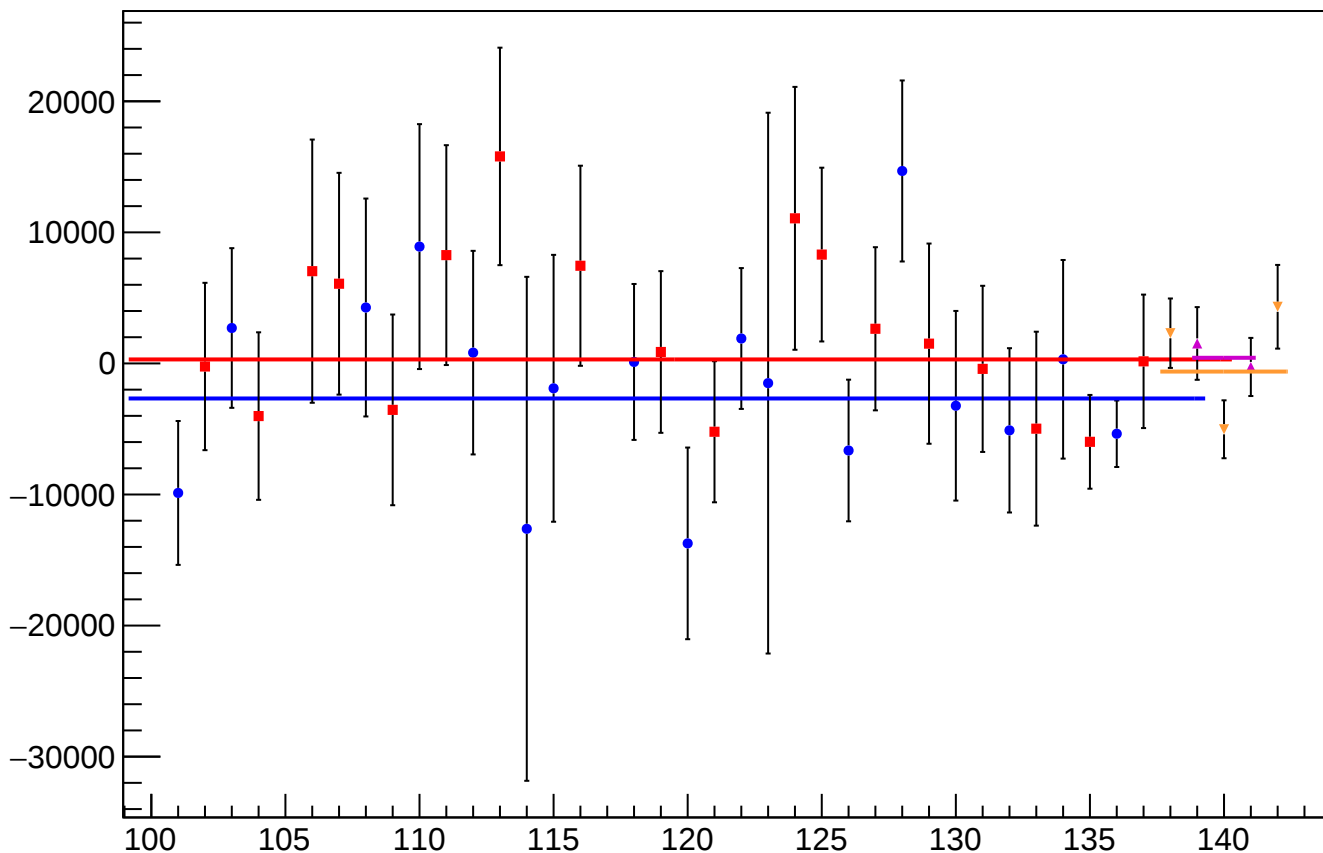
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 334.911+/-0.084 χ^2/NDF : 682609.6/18

Out: 341.699+/-0.083 χ^2/NDF : 848798.8/20

All: 338.343+/-0.059 χ^2/NDF : 1534733.6/39

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -620.304 $\pm$ 1498.223 χ^2 /NDF: 7.6/2

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: 430.242 $\pm$ 1731.757 χ^2 /NDF: 0.3/1

Left: -170.592 $\pm$ 1133.043 χ^2 /NDF: 8.1/4

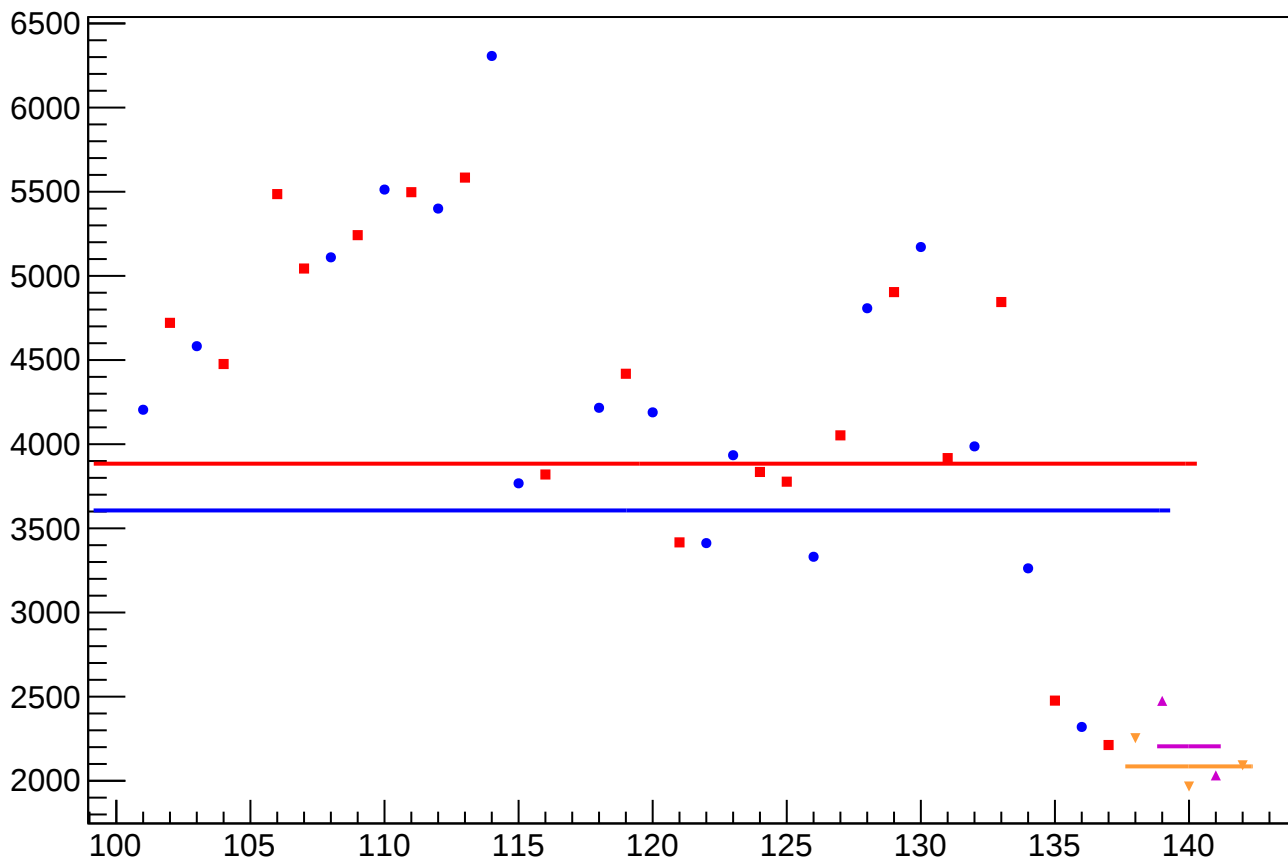
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -1388.237 $\pm$ 1114.531 χ^2 /NDF: 18.9/18

Out: -163.758 $\pm$ 1066.269 χ^2 /NDF: 22.1/20

All: -748.913 $\pm$ 770.463 χ^2 /NDF: 41.7/39

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2085.594+/-1.059 χ^2/NDF : 13872.9/2

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2204.945+/-1.225 χ^2/NDF : 31120.1/1

Left: 2136.685+/-0.801 χ^2/NDF : 50426.0/4

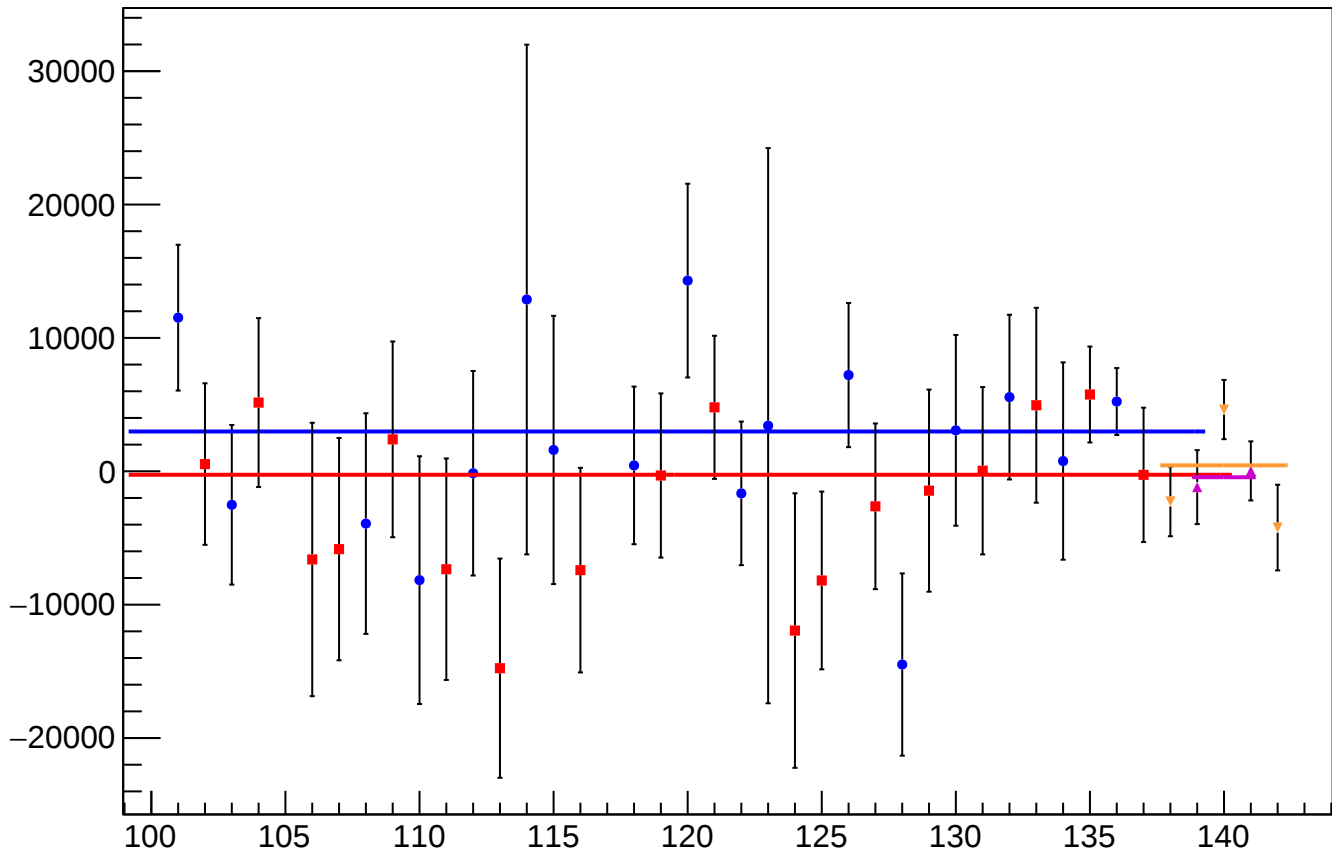
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 3025.893+/-0.788 χ^2/NDF : 1890889.6/18

Out: 2973.204+/-0.754 χ^2/NDF : 2430894.2/20

All: 2998.383+/-0.545 χ^2/NDF : 4324117.6/39

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 445.281 $\pm$ 1496.737 χ^2 /NDF: 6.7/2

Right Out: -259.721 $\pm$ 1510.344 χ^2 /NDF: 13.5/17

Left In: -444.666 $\pm$ 1731.034 χ^2 /NDF: 0.1/1

Left: 64.568 $\pm$ 1132.198 χ^2 /NDF: 7.0/4

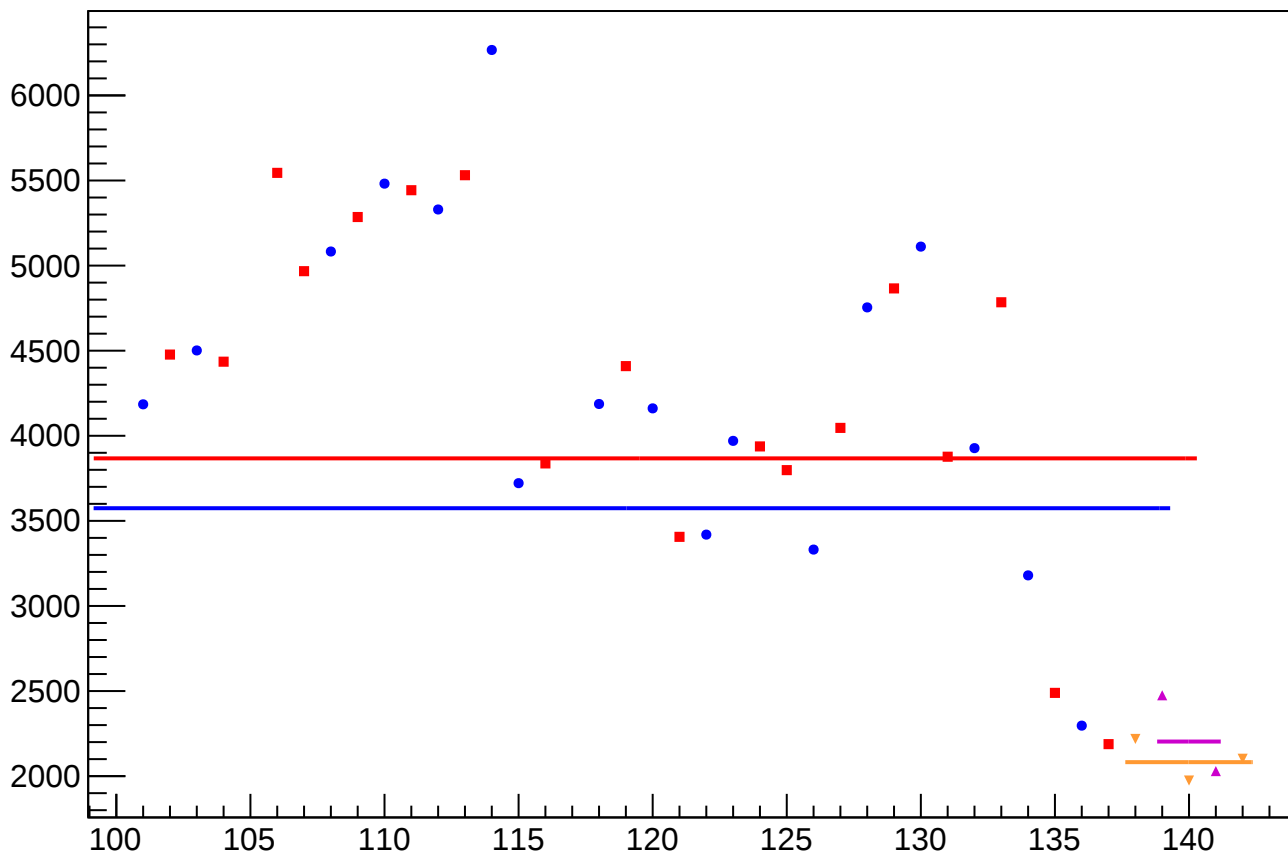
Right: 1435.156 $\pm$ 1043.589 χ^2 /NDF: 33.3/34

In: 1577.312 $\pm$ 1108.680 χ^2 /NDF: 19.9/18

Out: 95.970 $\pm$ 1063.131 χ^2 /NDF: 20.3/20

All: 805.587 $\pm$ 767.345 χ^2 /NDF: 41.1/39

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2082.242 $\pm$ 1.058 χ^2 /NDF: 10258.1/2

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2203.271 $\pm$ 1.224 χ^2 /NDF: 31506.4/1

Left: 2134.017 $\pm$ 0.801 χ^2 /NDF: 47358.8/4

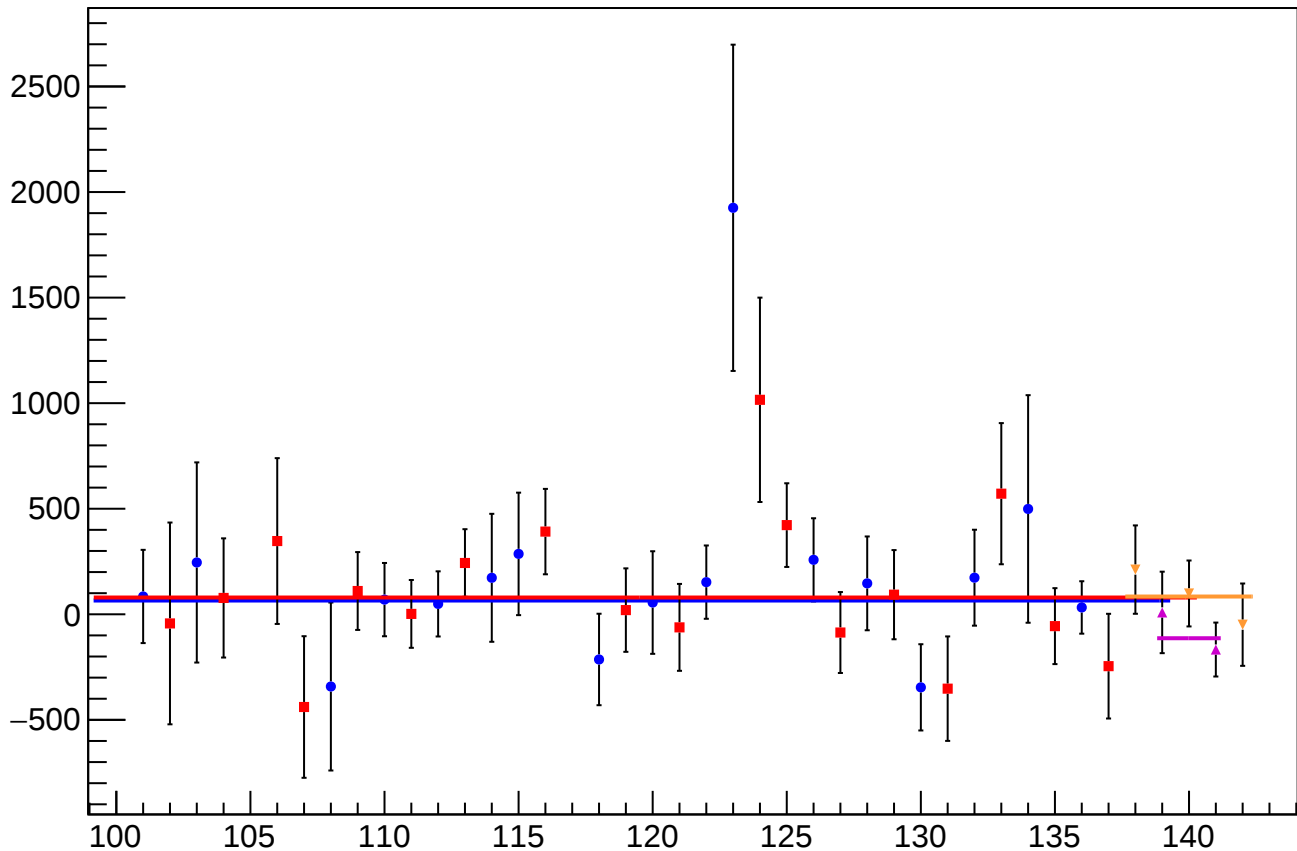
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 3011.933 $\pm$ 0.784 χ^2 /NDF: 1862892.7/18

Out: 2966.660 $\pm$ 0.752 χ^2 /NDF: 2387789.5/20

All: 2988.347 $\pm$ 0.543 χ^2 /NDF: 4252419.6/39

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 84.147+/-105.313 χ^2/NDF : 0.8/2

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: -113.407+/-106.513 χ^2/NDF : 0.6/1

Left: -13.511+/-74.888 χ^2/NDF : 3.2/4

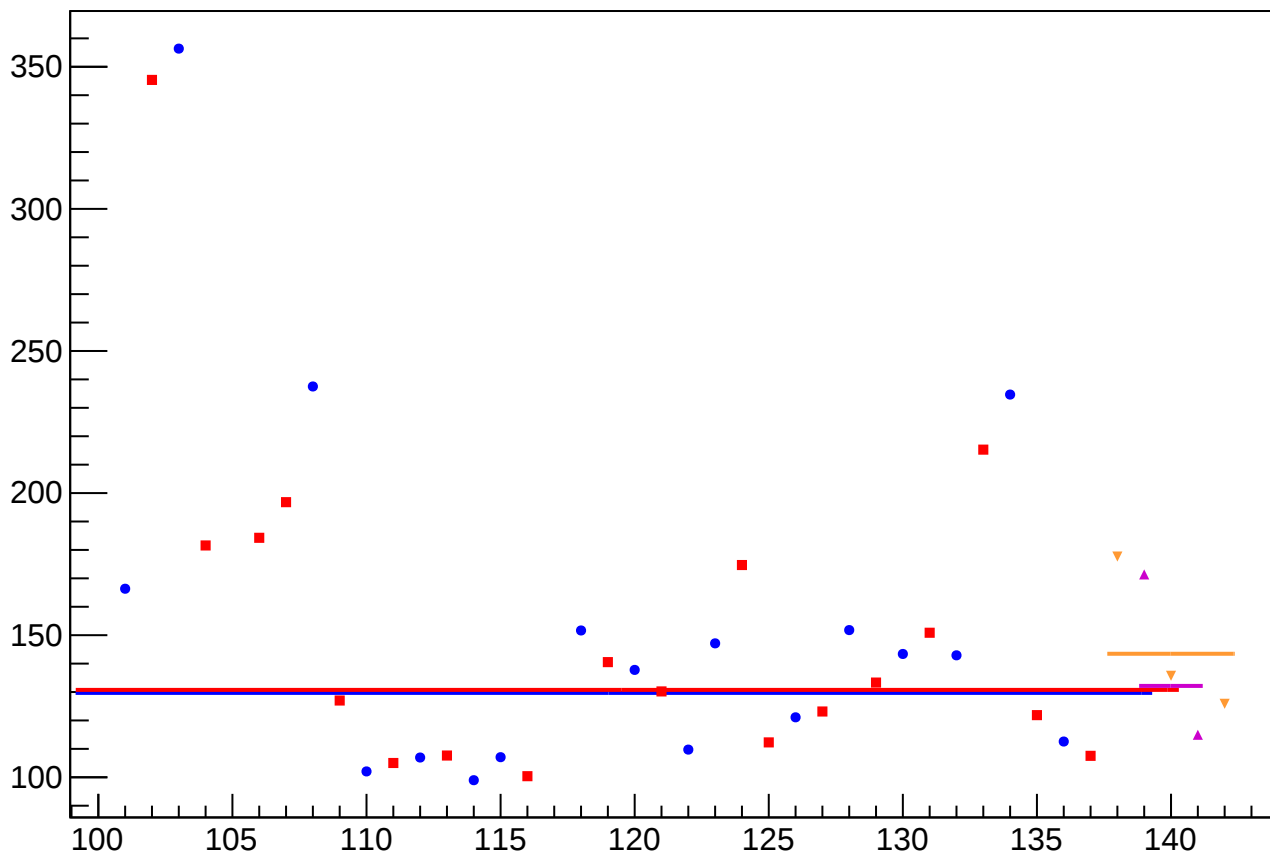
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 80.399+/-46.873 χ^2/NDF : 23.0/20

All: 55.440+/-33.271 χ^2/NDF : 42.1/39

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 143.463 $\pm$ 0.074 χ^2 /NDF: 74658.4/2

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 132.152 $\pm$ 0.075 χ^2 /NDF: 118863.7/1

Left: 137.872 $\pm$ 0.053 χ^2 /NDF: 204927.4/4

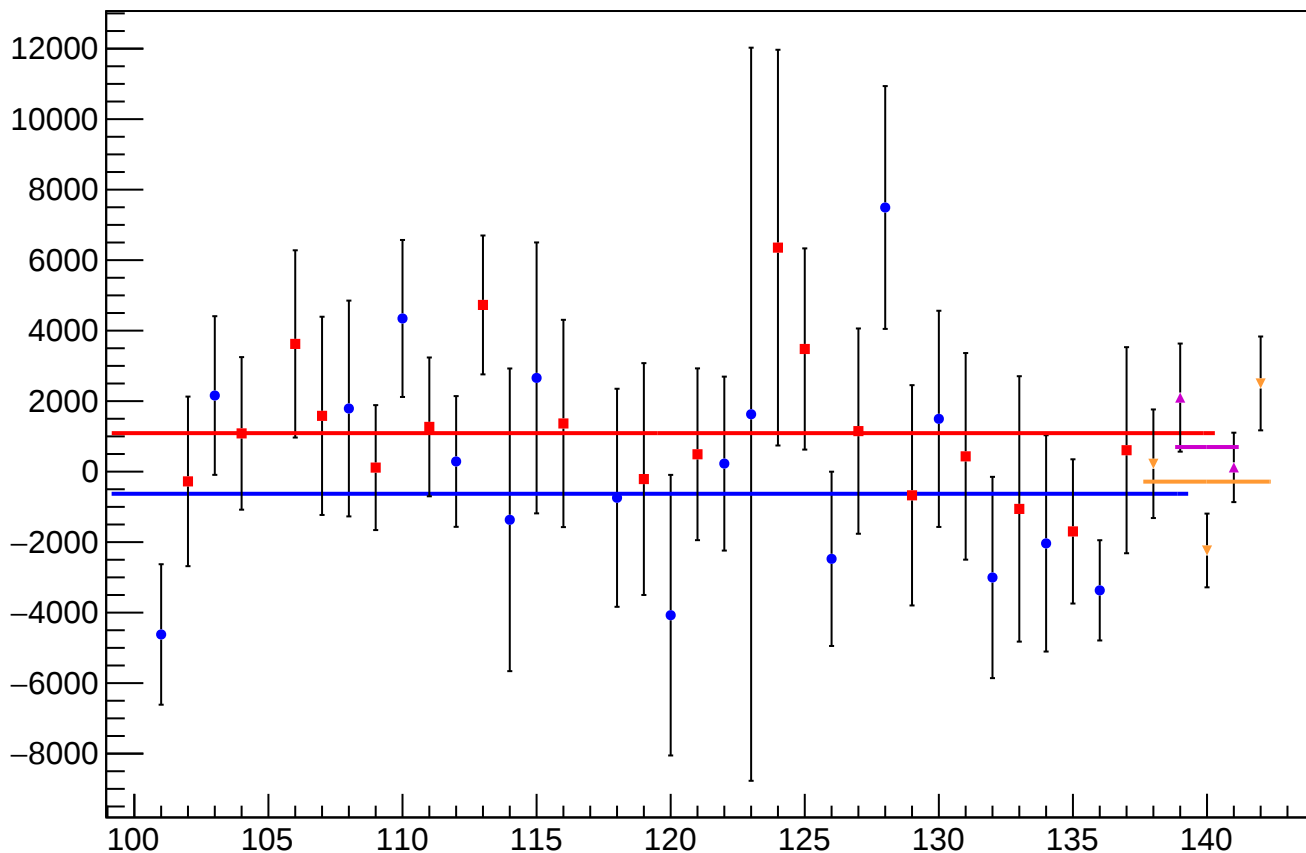
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 130.180 $\pm$ 0.033 χ^2 /NDF: 1109399.7/18

Out: 133.270 $\pm$ 0.033 χ^2 /NDF: 1025559.5/20

All: 131.736 $\pm$ 0.024 χ^2 /NDF: 2139271.7/39

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -283.879+/-725.454 χ^2/NDF : 8.0/2

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 698.101+/-828.484 χ^2/NDF : 1.2/1

Left: 142.288+/-545.787 χ^2/NDF : 10.0/4

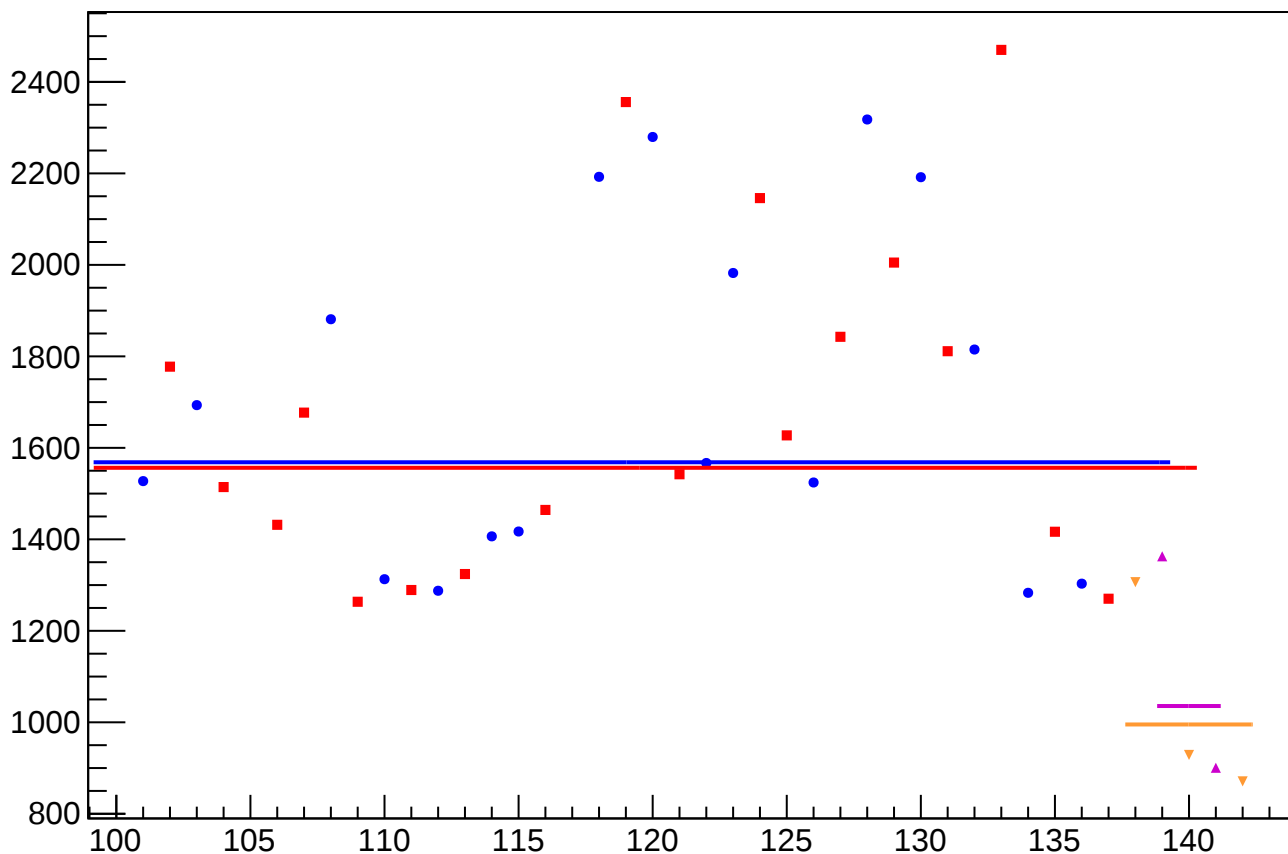
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -150.594+/-497.154 χ^2/NDF : 27.1/18

Out: 533.670+/-462.117 χ^2/NDF : 19.5/20

All: 216.497+/-338.475 χ^2/NDF : 47.6/39

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 995.274+/-0.513 χ^2/NDF : 107138.4/2

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 1035.614+/-0.586 χ^2/NDF : 128707.8/1

Left: 1012.781+/-0.386 χ^2/NDF : 238530.1/4

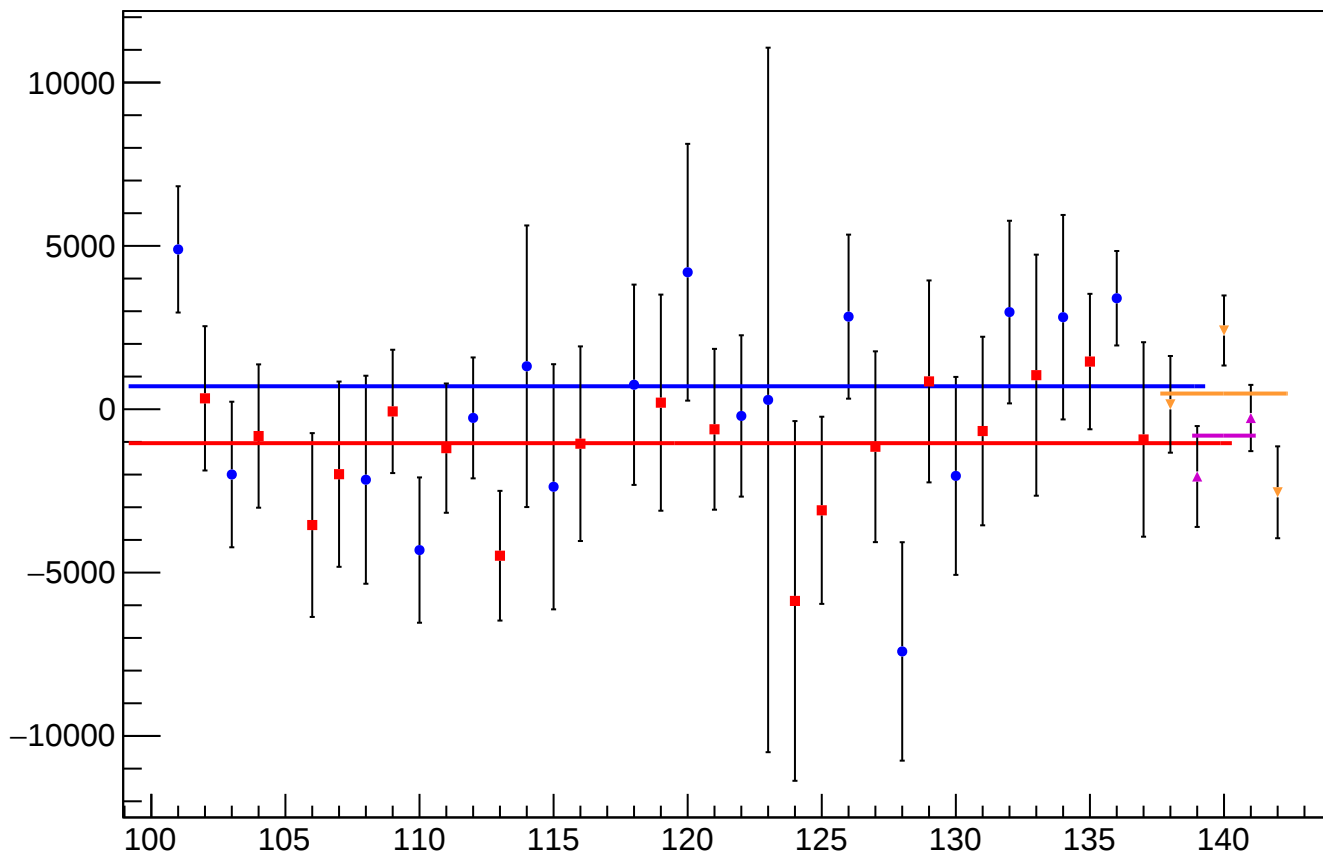
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1376.600+/-0.352 χ^2/NDF : 1192344.1/18

Out: 1328.723+/-0.327 χ^2/NDF : 1328671.4/20

All: 1350.915+/-0.239 χ^2/NDF : 2530965.9/39

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 480.173+/-738.801 χ^2/NDF : 7.9/2

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -807.834+/-847.416 χ^2/NDF : 0.9/1

Left: -76.047+/-556.879 χ^2/NDF : 10.2/4

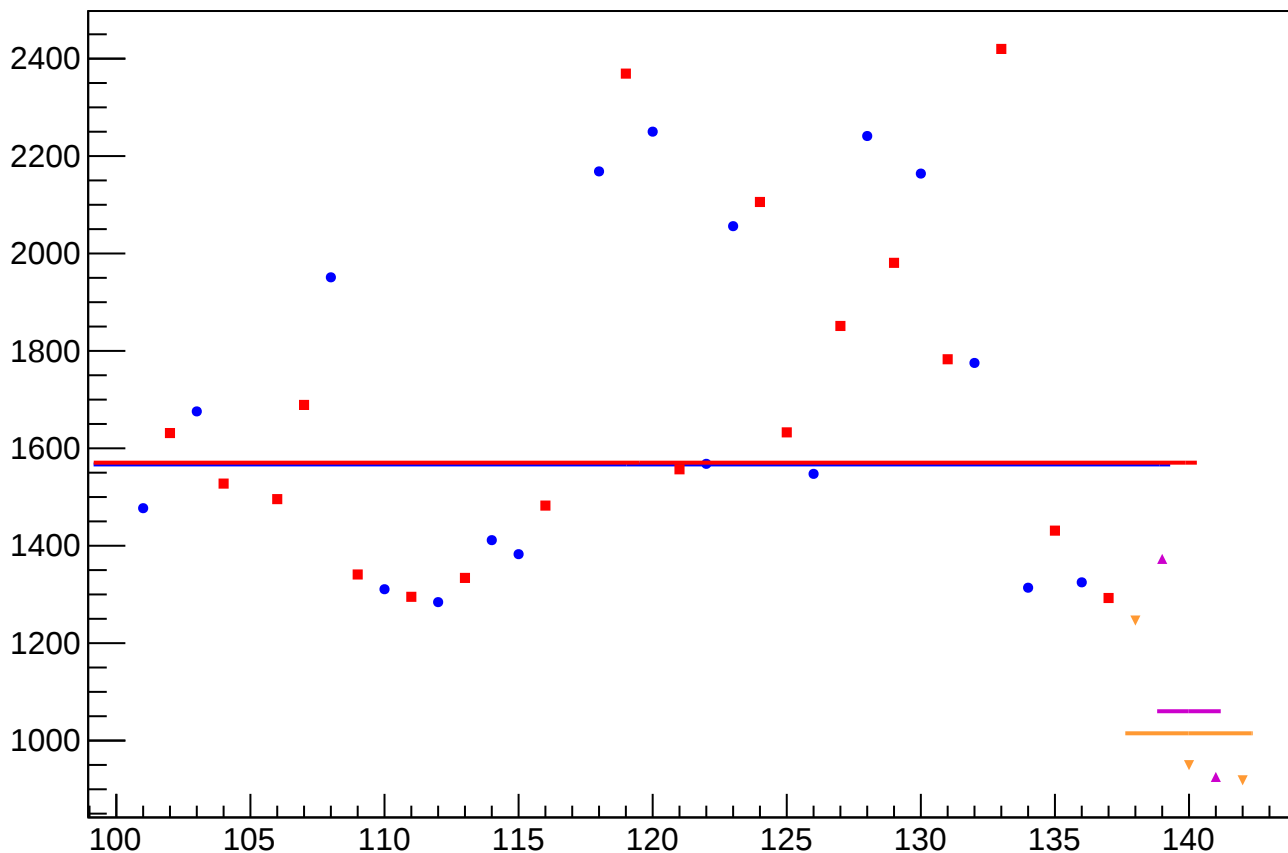
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 175.589+/-500.701 χ^2/NDF : 29.0/18

Out: -429.751+/-467.733 χ^2/NDF : 18.6/20

All: -147.664+/-341.798 χ^2/NDF : 48.4/39

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937+/-0.439 χ^2/NDF : 499846.2/16

Left Out: 1014.934+/-0.522 χ^2/NDF : 65786.5/2

Right Out: 1570.549+/-0.427 χ^2/NDF : 439261.0/17

Left In: 1060.241+/-0.599 χ^2/NDF : 117484.0/1

Left: 1034.499+/-0.394 χ^2/NDF : 186518.6/4

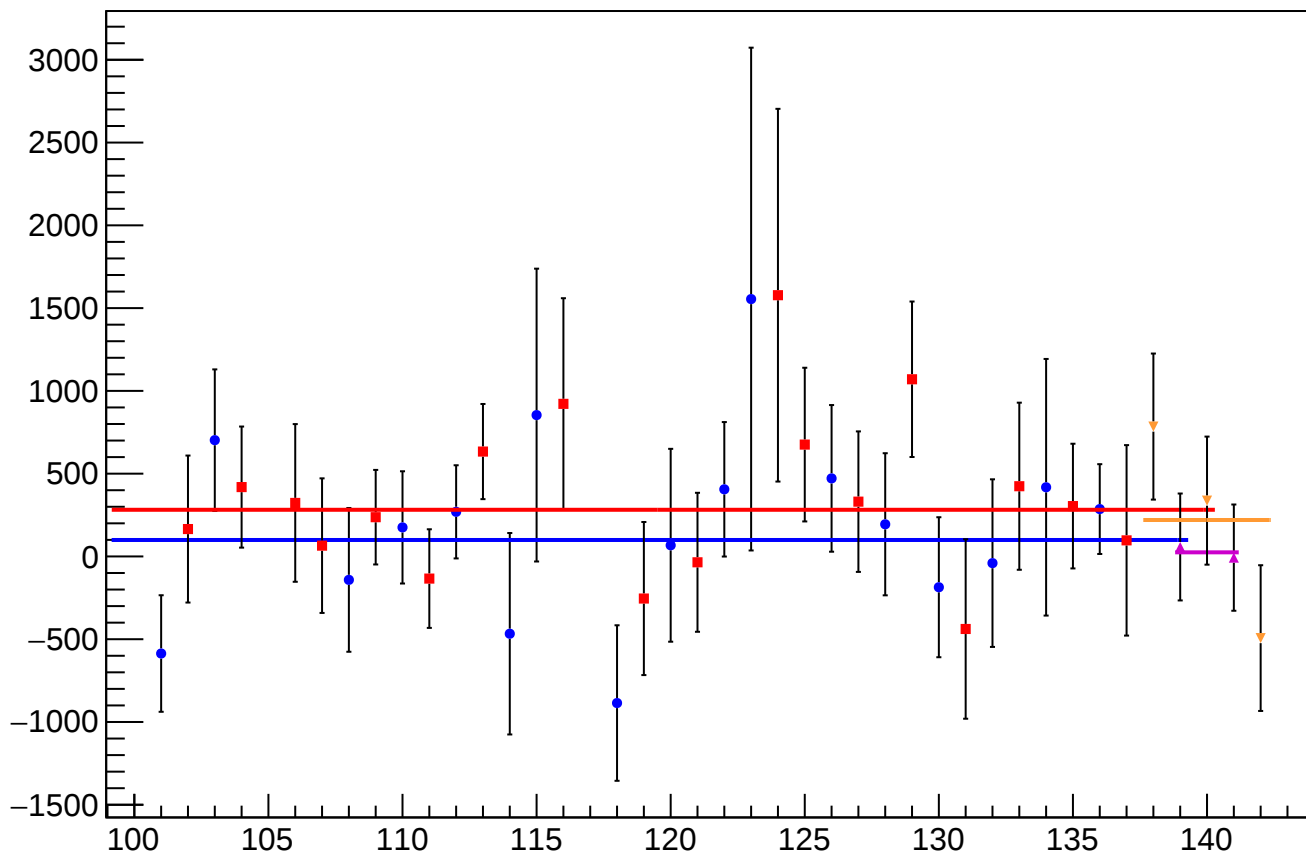
Right: 1568.791+/-0.306 χ^2/NDF : 939142.0/34

In: 1390.044+/-0.354 χ^2/NDF : 1082742.8/18

Out: 1347.851+/-0.331 χ^2/NDF : 1182822.5/20

All: 1367.513+/-0.242 χ^2/NDF : 2273149.0/39

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387+/-103.463 χ^2/NDF : 15.9/16

Left Out: 220.130+/-242.639 χ^2/NDF : 4.4/2

Right Out: 281.830+/-97.880 χ^2/NDF : 13.7/17

Left In: 24.766+/-227.625 χ^2/NDF : 0.0/1

Left: 116.217+/-166.009 χ^2/NDF : 4.7/4

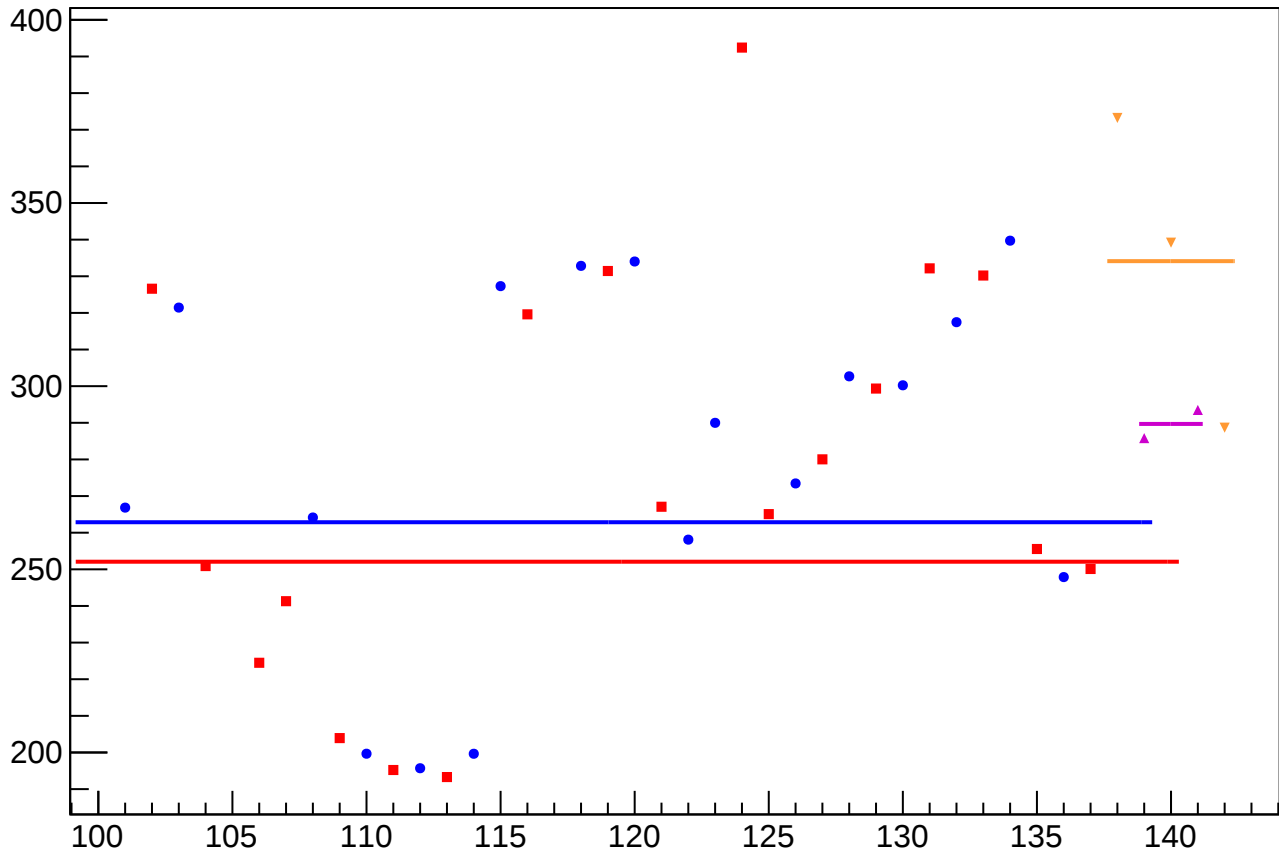
Right: 195.664+/-71.104 χ^2/NDF : 31.3/34

In: 86.610+/-94.190 χ^2/NDF : 16.0/18

Out: 273.195+/-90.773 χ^2/NDF : 18.1/20

All: 183.349+/-65.361 χ^2/NDF : 36.2/39

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 334.129+/-0.172 χ^2/NDF : 37384.3/2

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 289.690+/-0.161 χ^2/NDF : 570.8/1

Left: 310.492+/-0.117 χ^2/NDF : 73637.7/4

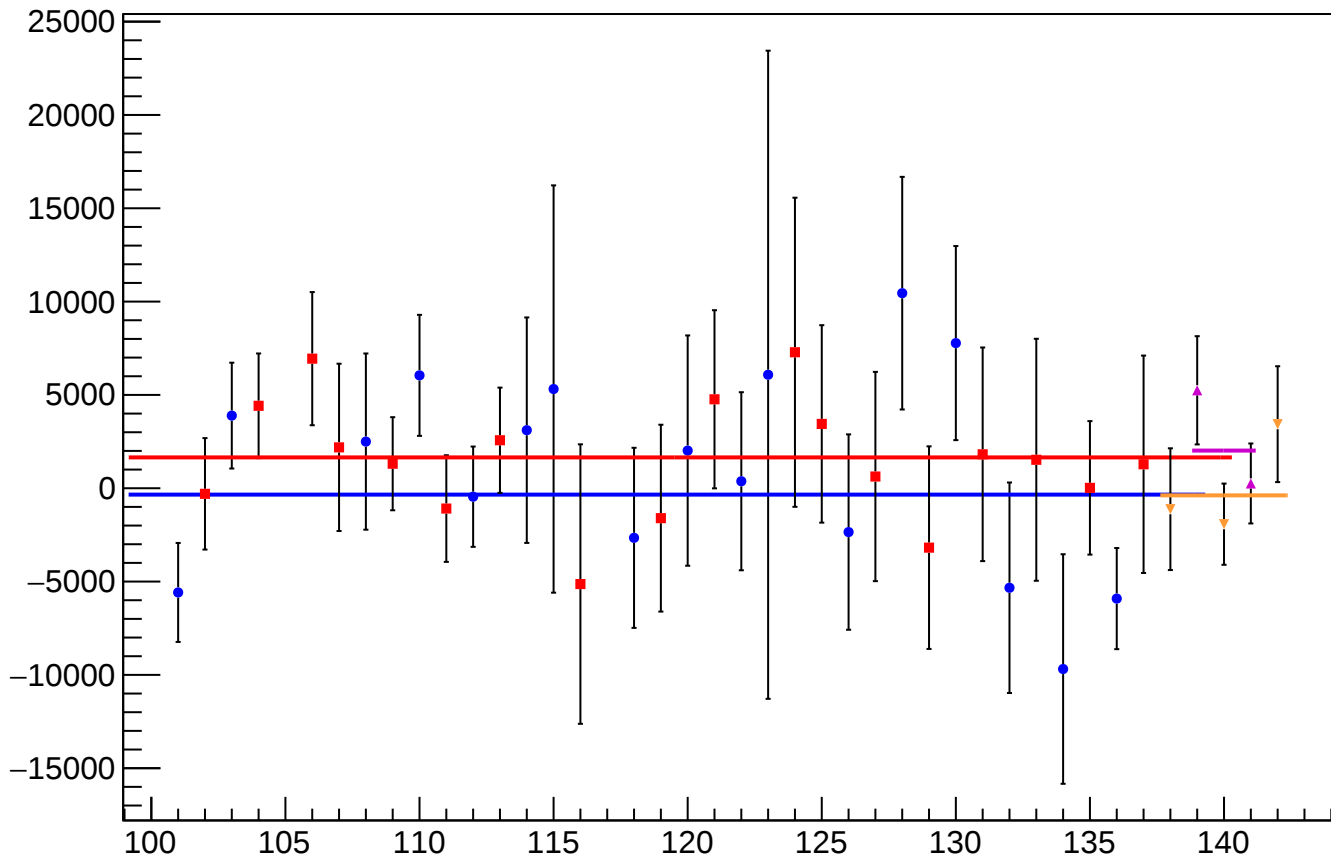
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 267.451+/-0.067 χ^2/NDF : 435303.7/18

Out: 263.563+/-0.064 χ^2/NDF : 749223.6/20

All: 265.435+/-0.046 χ^2/NDF : 1186294.6/39

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -381.511+/-1563.396 χ^2/NDF : 2.1/2

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 2017.563+/-1722.814 χ^2/NDF : 1.9/1

Left: 701.917+/-1157.755 χ^2/NDF : 5.0/4

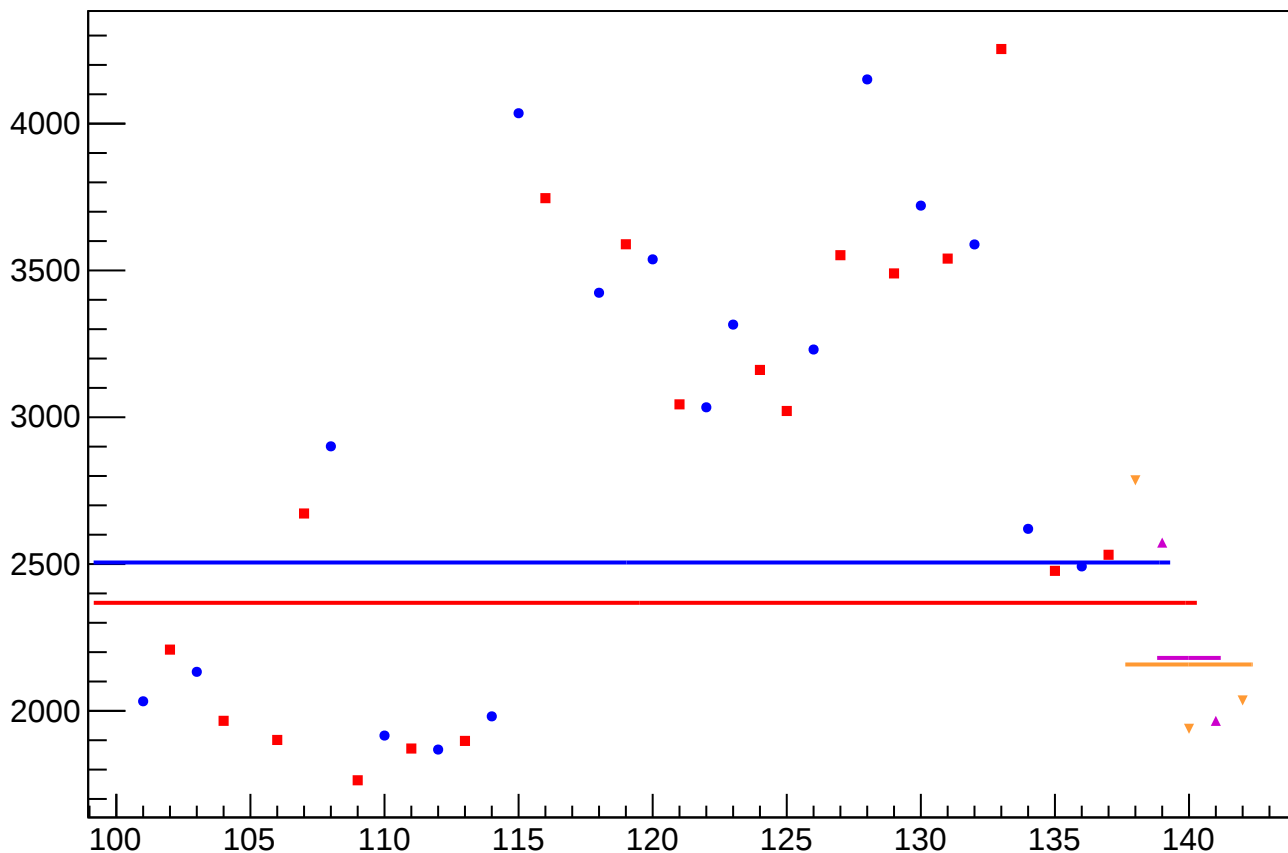
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 257.102+/-867.857 χ^2/NDF : 27.7/18

Out: 1120.588+/-799.185 χ^2/NDF : 11.3/20

All: 724.355+/-587.890 χ^2/NDF : 39.5/39

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.000+/-1.105 χ^2/NDF : 97364.3/2

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2180.345+/-1.218 χ^2/NDF : 56723.4/1

Left: 2168.091+/-0.819 χ^2/NDF : 154272.2/4

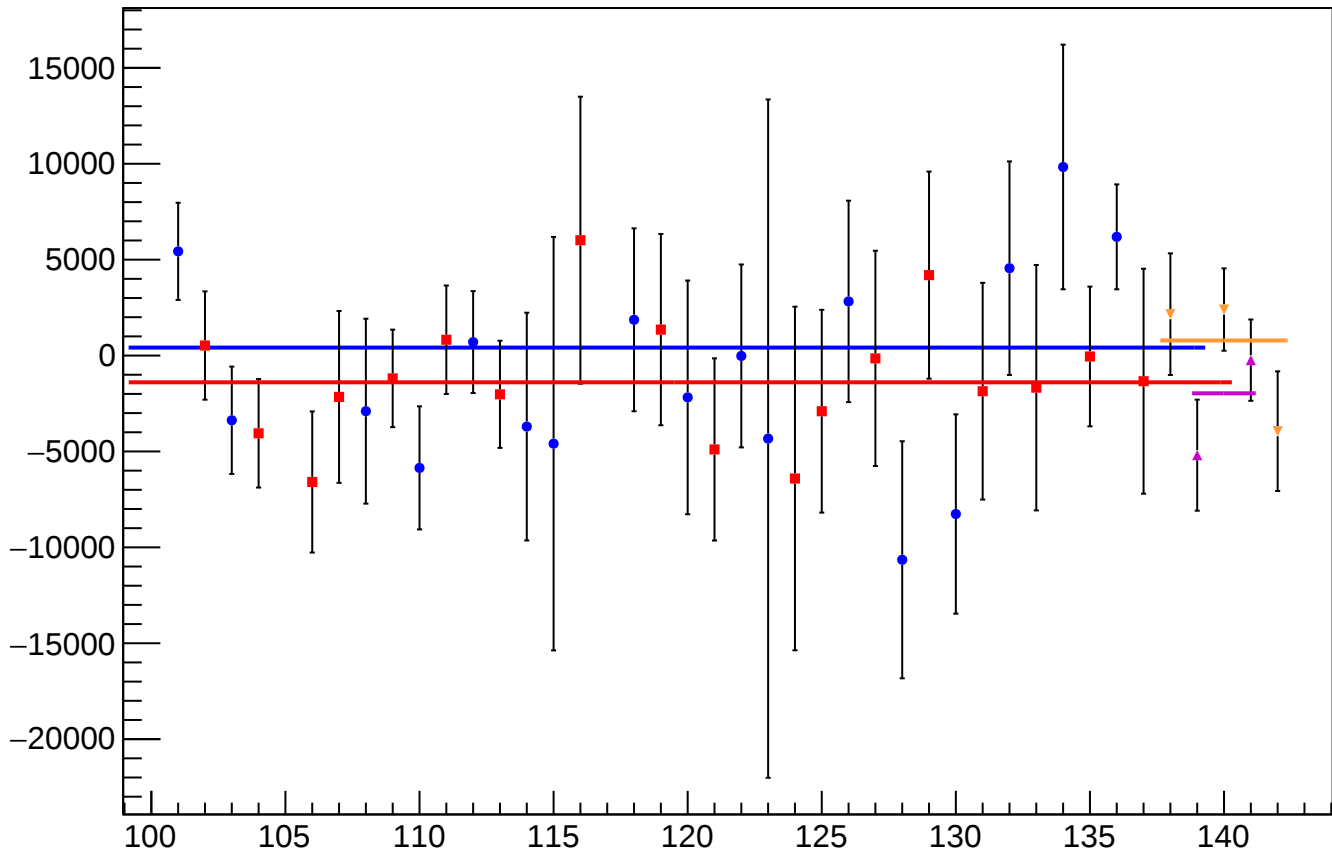
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2422.862+/-0.614 χ^2/NDF : 973964.8/18

Out: 2313.127+/-0.565 χ^2/NDF : 1154900.7/20

All: 2363.482+/-0.416 χ^2/NDF : 2146168.5/39

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 787.259+/-1544.082 χ^2/NDF : 3.1/2

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1967.795+/-1709.948 χ^2/NDF : 1.9/1

Left: -450.200+/-1145.996 χ^2/NDF : 6.4/4

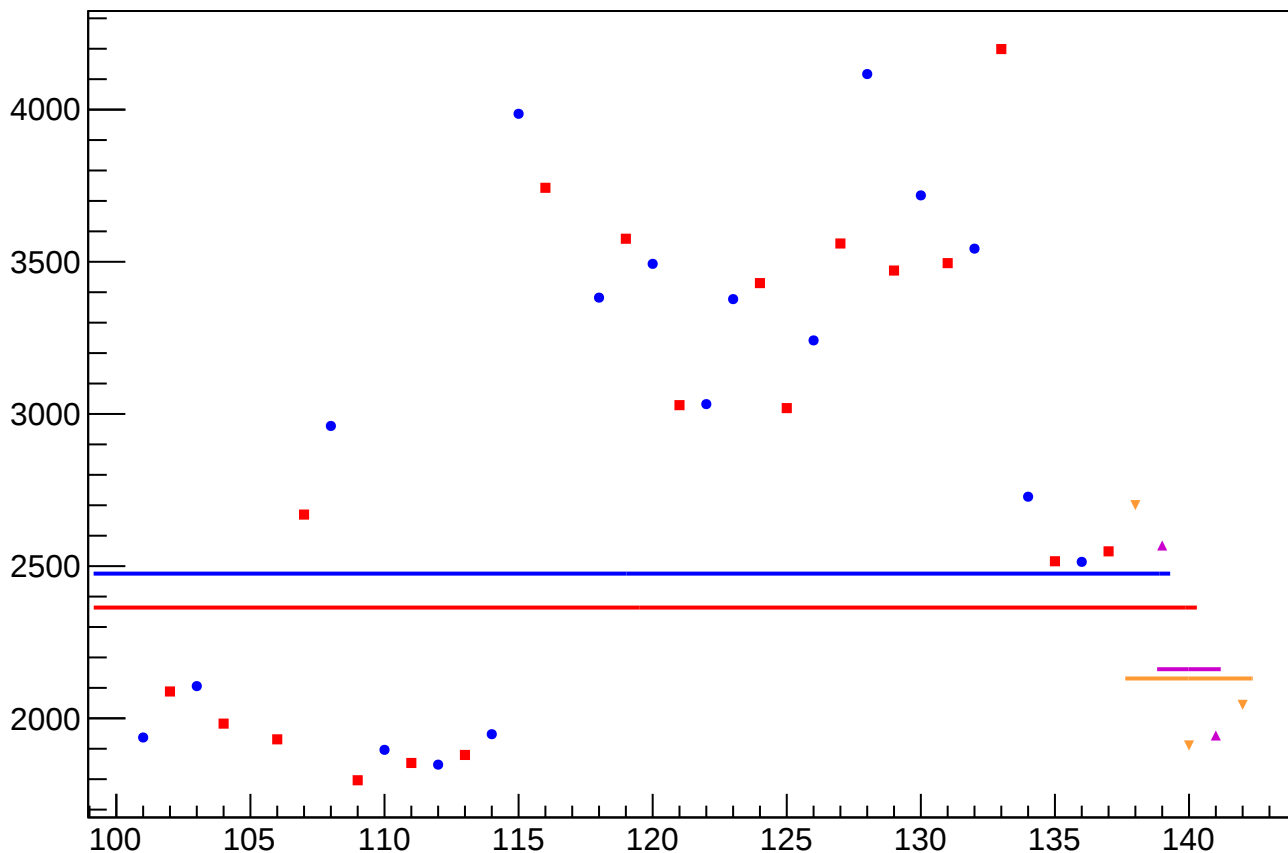
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -187.234+/-859.944 χ^2/NDF : 27.9/18

Out: -814.759+/-796.028 χ^2/NDF : 12.0/20

All: -525.181+/-584.167 χ^2/NDF : 40.2/39

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2130.848 $\pm$ 1.092 χ^2 /NDF: 87109.4/2

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2161.364 $\pm$ 1.209 χ^2 /NDF: 60556.3/1

Left: 2144.554 $\pm$ 0.810 χ^2 /NDF: 148016.6/4

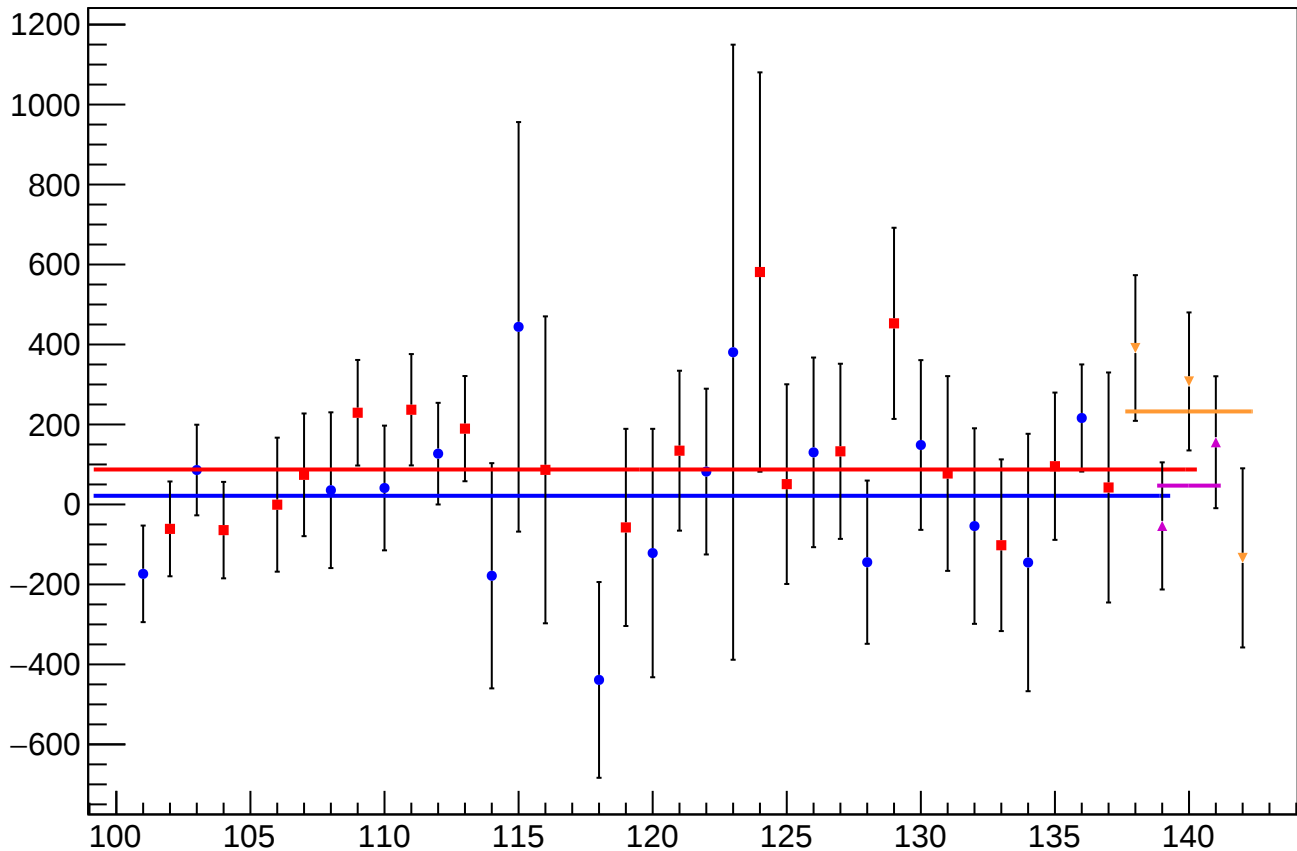
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2396.002 $\pm$ 0.608 χ^2 /NDF: 1024036.5/18

Out: 2301.965 $\pm$ 0.563 χ^2 /NDF: 1147439.3/20

All: 2345.359 $\pm$ 0.413 χ^2 /NDF: 2184355.2/39

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 232.591+/-109.337 χ^2/NDF : 3.6/2

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: 47.092+/-114.466 χ^2/NDF : 0.8/1

Left: 144.091+/-79.064 χ^2/NDF : 5.8/4

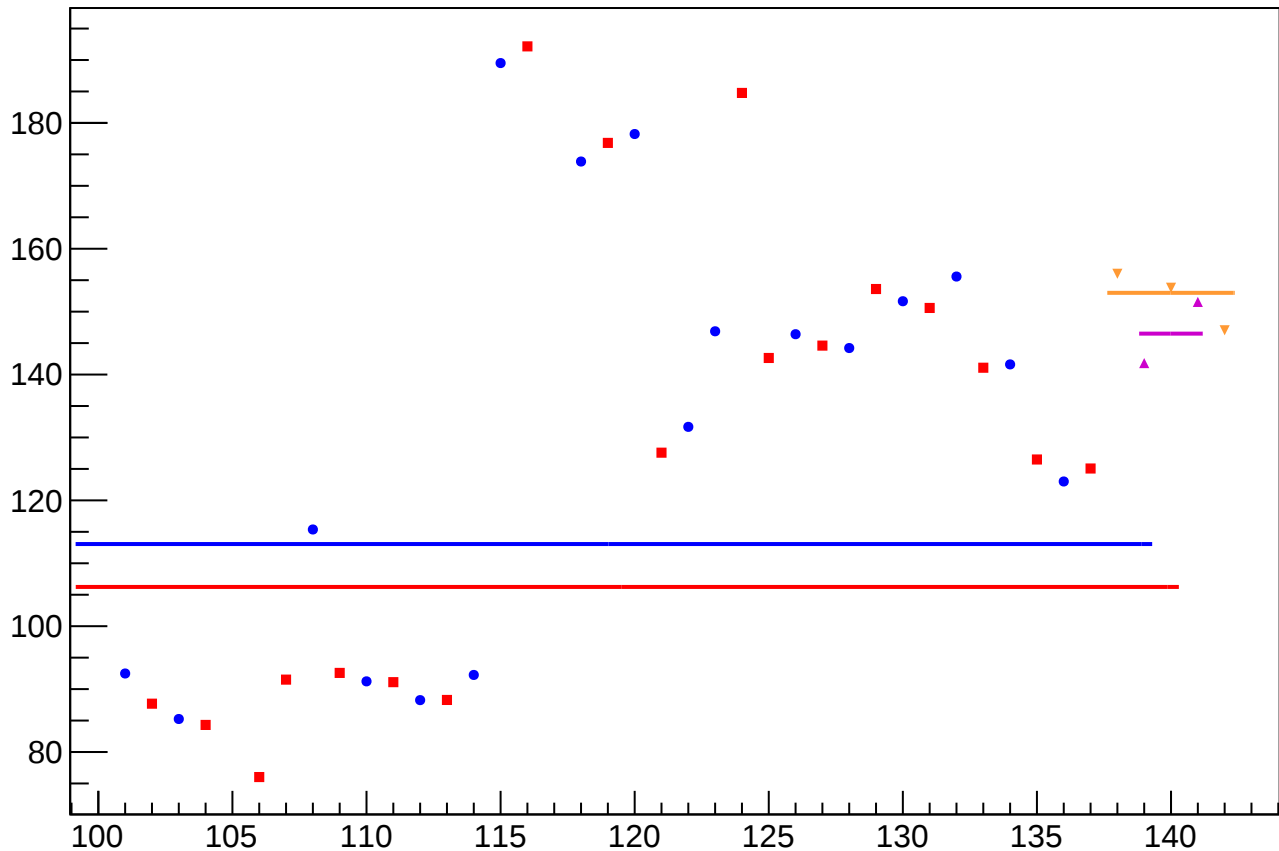
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 25.075+/-42.006 χ^2/NDF : 13.5/18

Out: 105.969+/-39.065 χ^2/NDF : 16.1/20

All: 68.452+/-28.607 χ^2/NDF : 31.5/39

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 152.990 $\pm$ 0.077 χ^2 /NDF:2010.7/2

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 146.505 $\pm$ 0.081 χ^2 /NDF:3605.0/1

Left: 149.896 $\pm$ 0.056 χ^2 /NDF: 8972.2/4

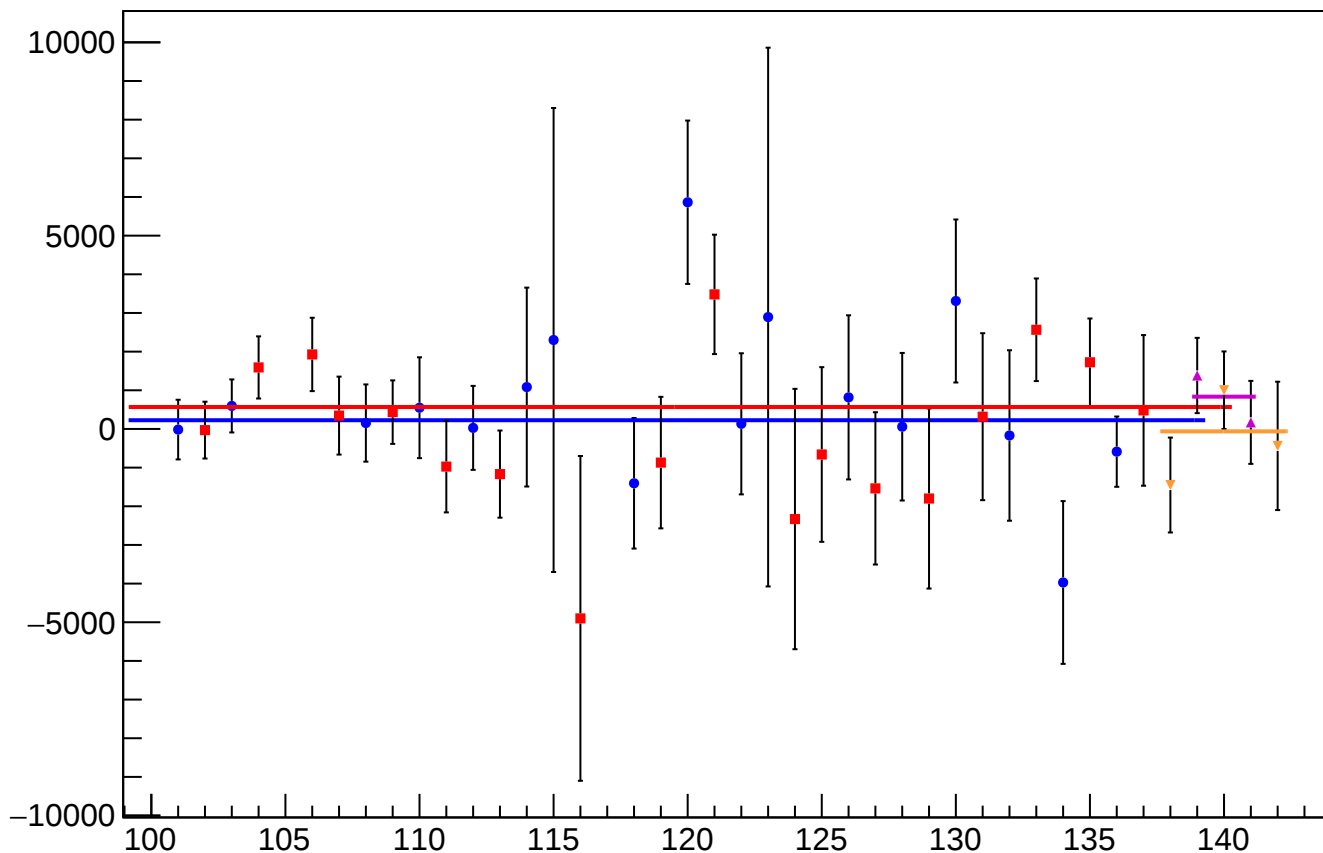
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 117.563 $\pm$ 0.030 χ^2 /NDF:972160.6/18

Out: 112.208 $\pm$ 0.028 χ^2 /NDF:1272675.9/20

All: 114.692 $\pm$ 0.020 χ^2 /NDF: 2262264.1/39

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -62.079+/-703.355 χ^2/NDF :2.5/2

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 834.986+/-721.005 χ^2/NDF :0.7/1

Left: 375.340+/-503.471 χ^2/NDF : 4.0/4

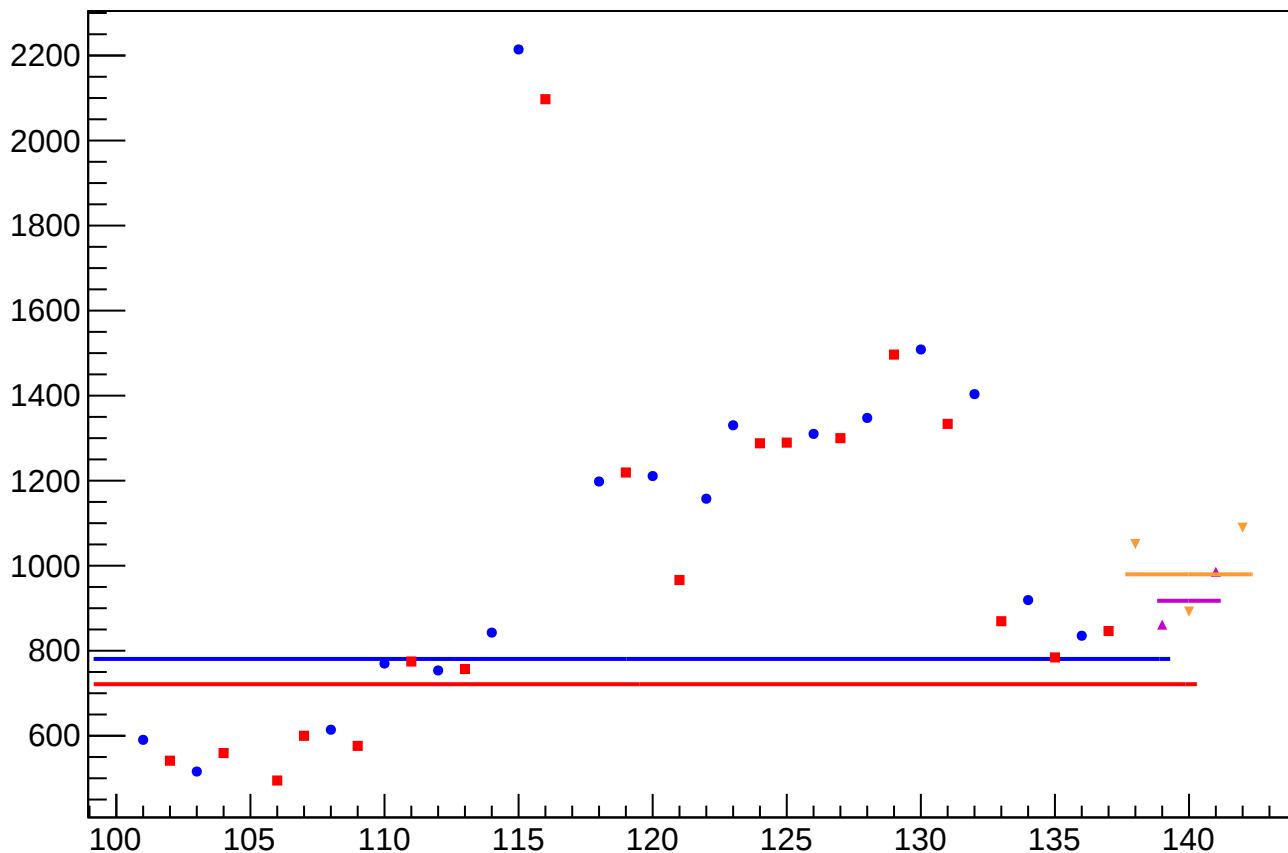
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 326.652+/-293.564 χ^2/NDF :17.3/18

Out: 476.274+/-268.500 χ^2/NDF :24.1/20

All: 408.122+/-198.128 χ^2/NDF : 41.5/39

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 979.672+/-0.497 χ^2/NDF :30736.2/2

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 917.518+/-0.510 χ^2/NDF :14676.6/1

Left: 949.365+/-0.356 χ^2/NDF : 53028.2/4

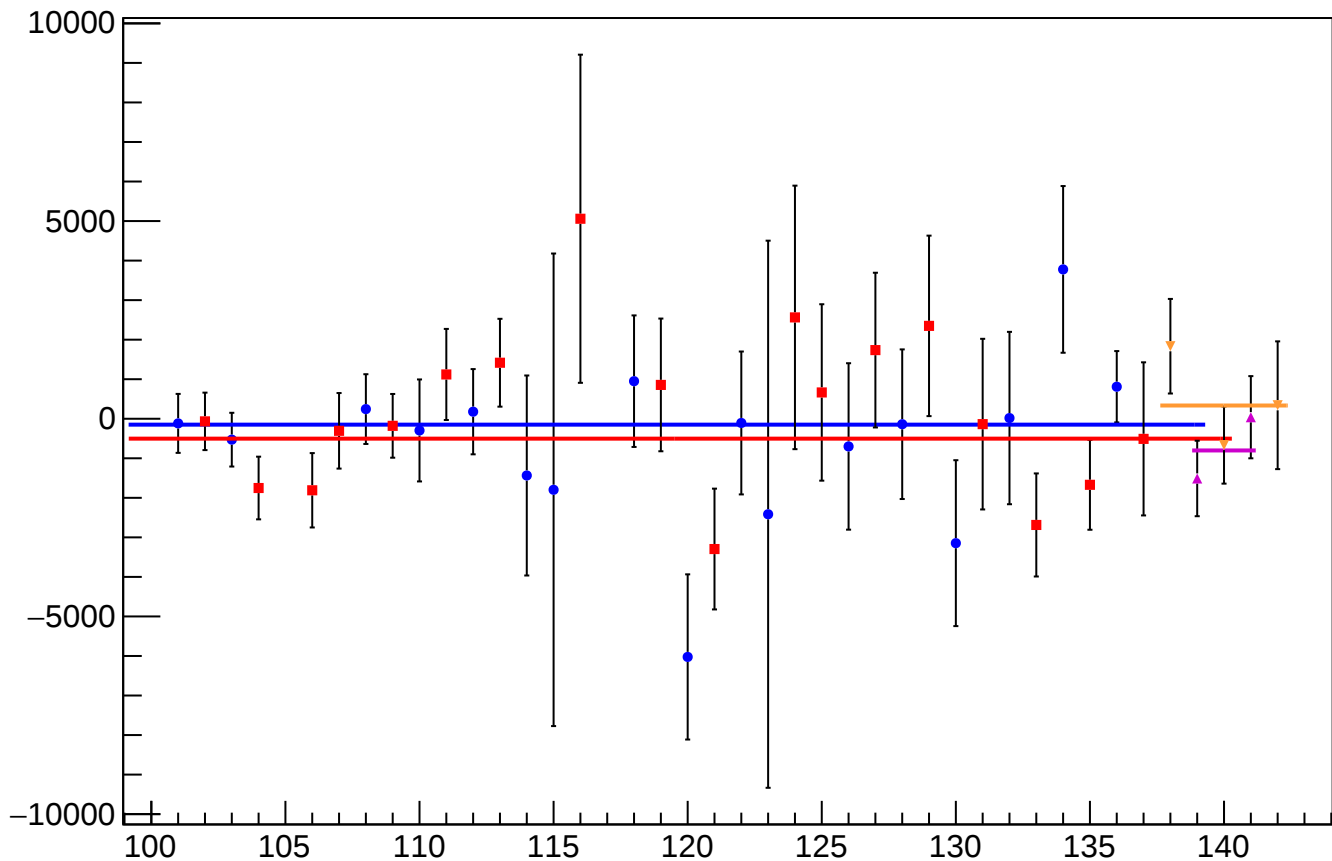
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 803.382+/-0.208 χ^2/NDF :1684265.7/18

Out: 758.921+/-0.190 χ^2/NDF :1887981.4/20

All: 779.172+/-0.140 χ^2/NDF : 3597226.5/39

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 $\pm$ 312.963 χ^2 /NDF: 16.1/16

Left Out: 334.982 $\pm$ 684.791 χ^2 /NDF:2.6/2

Right Out: -503.162 $\pm$ 285.781 χ^2 /NDF: 23.6/17

Left In: -801.757 $\pm$ 702.954 χ^2 /NDF:1.2/1

Left: -218.512 $\pm$ 490.516 χ^2 /NDF: 5.2/4

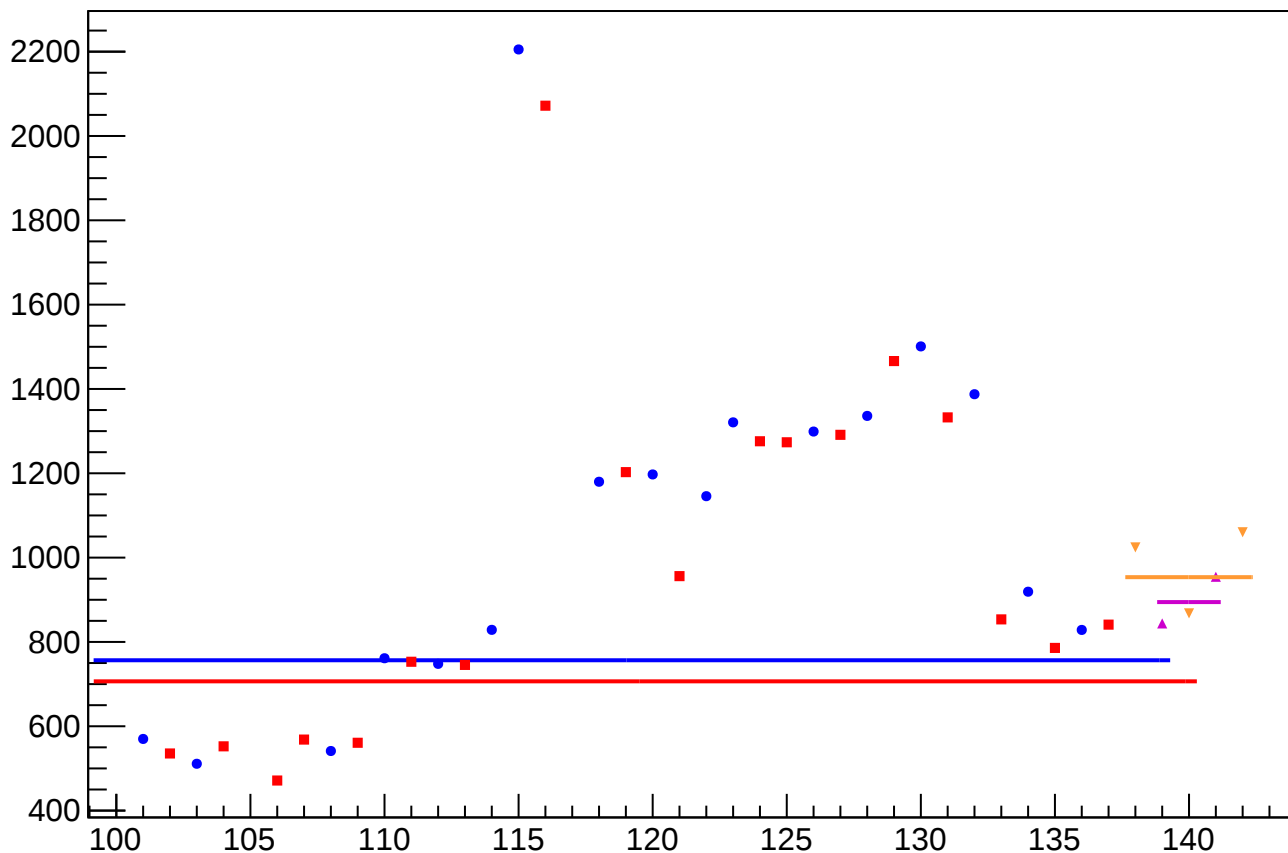
Right: -342.200 $\pm$ 211.034 χ^2 /NDF: 40.4/34

In: -257.118 $\pm$ 285.908 χ^2 /NDF:18.0/18

Out: -378.842 $\pm$ 263.736 χ^2 /NDF:27.5/20

All: -322.882 $\pm$ 193.855 χ^2 /NDF: 45.7/39

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 953.616+/-0.484 χ^2/NDF : 31138.0/2

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

Left: 924.845+/-0.347 χ^2/NDF : 50698.3/4

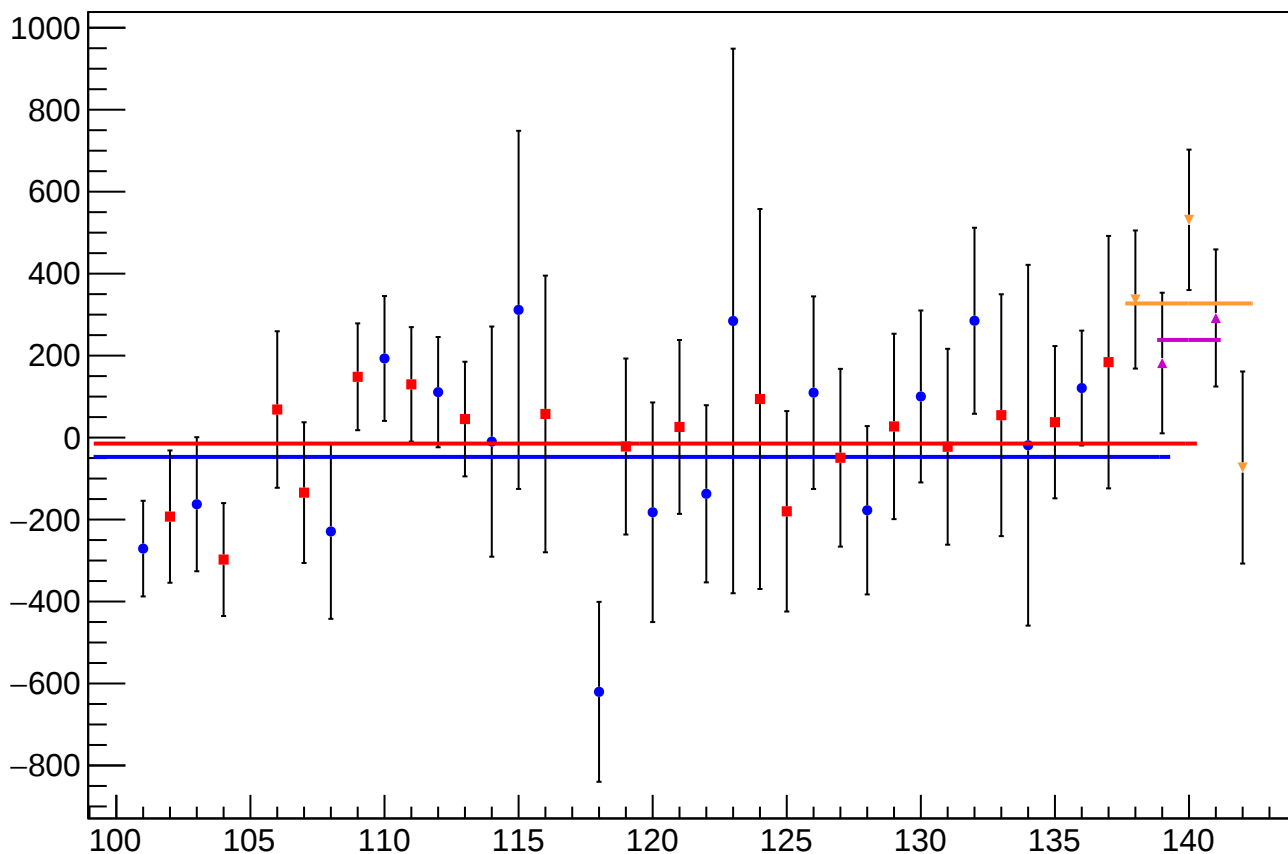
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 779.366+/-0.202 χ^2/NDF : 1790269.9/18

Out: 743.197+/-0.186 χ^2/NDF : 1922870.2/20

All: 759.825+/-0.137 χ^2/NDF : 3730432.5/39

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 327.277 ± 106.891 $\chi^2/\text{NDF}: 4.3/2$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 238.270 ± 119.766 $\chi^2/\text{NDF}: 0.2/1$

Left: 287.814 ± 79.748 $\chi^2/\text{NDF}: 4.9/4$

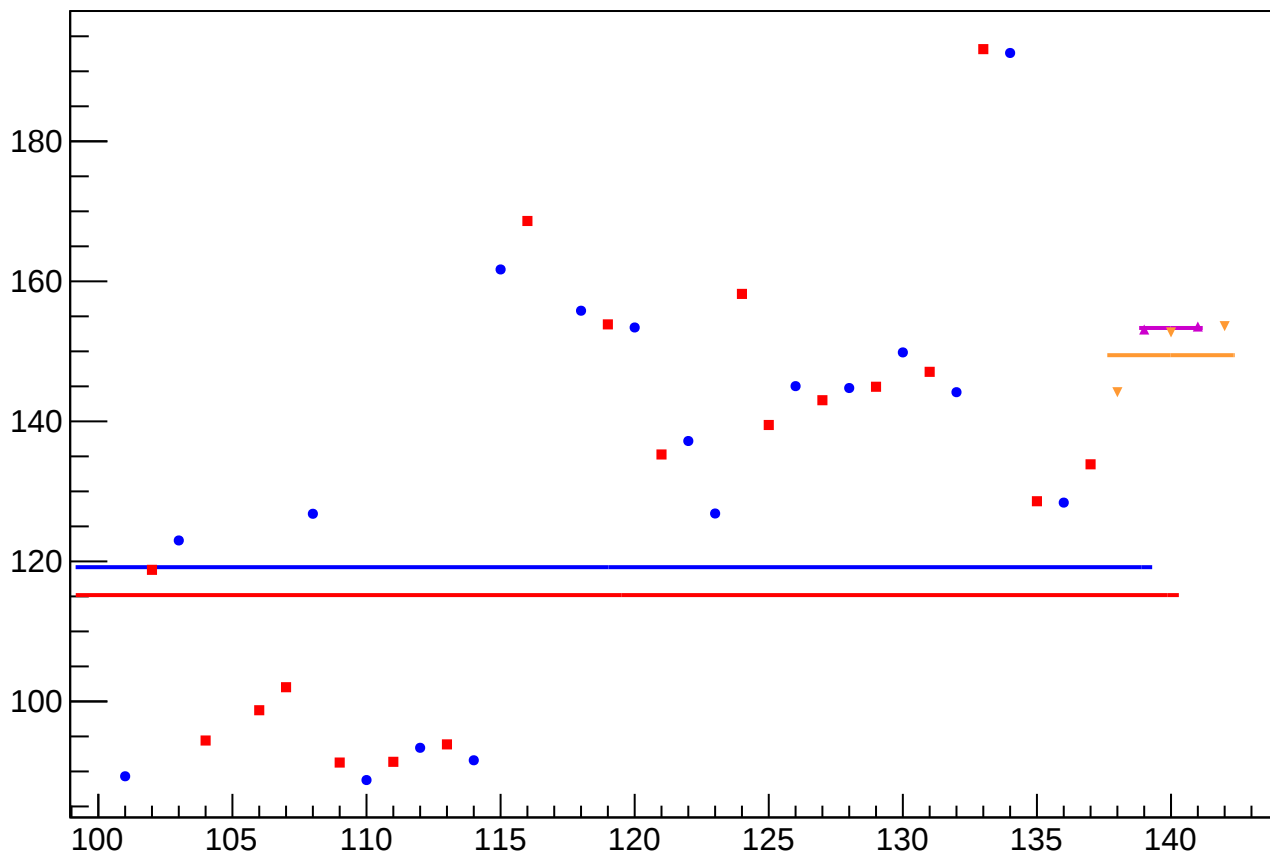
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: -8.689 ± 43.968 $\chi^2/\text{NDF}: 27.0/18$

Out: 36.560 ± 41.356 $\chi^2/\text{NDF}: 23.2/20$

All: 15.319 ± 30.124 $\chi^2/\text{NDF}: 50.7/39$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 +/- 0.033 χ^2/NDF : 615304.2/16

Left Out: 149.453 +/- 0.076 χ^2/NDF : 3319.6/2

Right Out: 115.188 +/- 0.032 χ^2/NDF : 675564.7/17

Left In: 153.339 +/- 0.085 χ^2/NDF : 6.3/1

Left: 151.176 +/- 0.056 χ^2/NDF : 4497.7/4

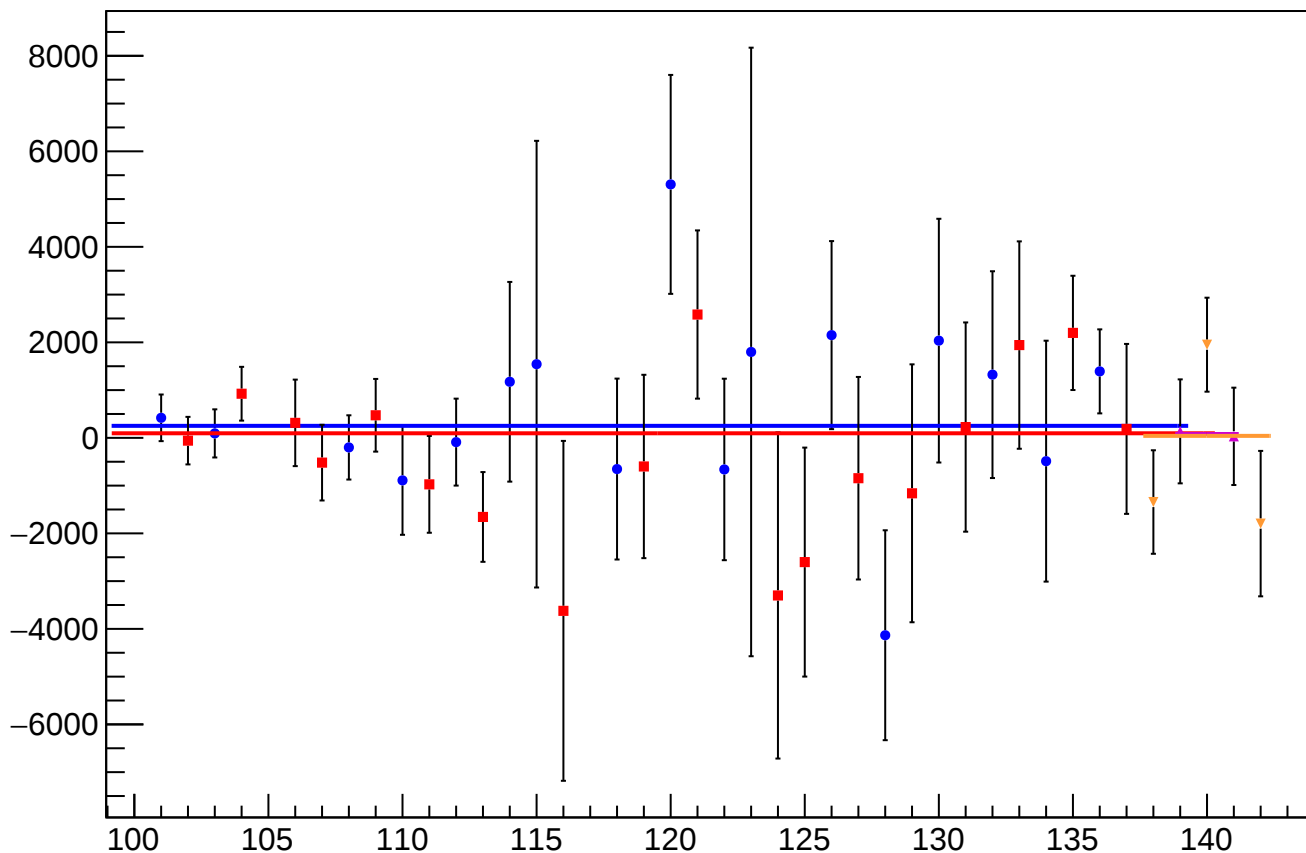
Right: 117.077 +/- 0.023 χ^2/NDF : 1298359.0/34

In: 123.780 +/- 0.031 χ^2/NDF : 756116.0/18

Out: 120.317 +/- 0.029 χ^2/NDF : 853644.0/20

All: 121.942 +/- 0.021 χ^2/NDF : 1616341.2/39

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 41.763 $\pm$ 657.199 χ^2 /NDF:6.9/2

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 80.473 $\pm$ 744.013 χ^2 /NDF:0.0/1

Left: 58.729 $\pm$ 492.557 χ^2 /NDF: 6.9/4

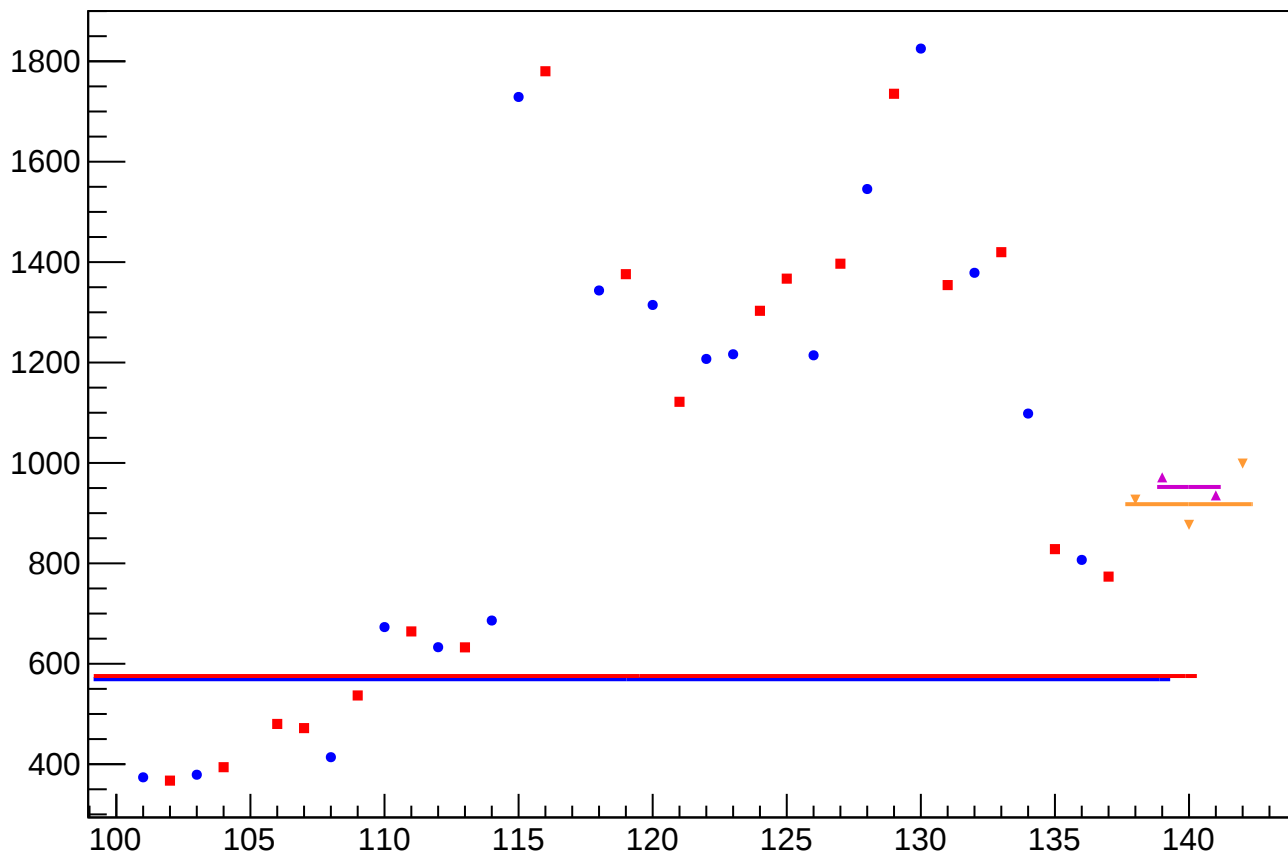
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 234.005 $\pm$ 239.377 χ^2 /NDF:14.9/18

Out: 89.175 $\pm$ 230.181 χ^2 /NDF:24.3/20

All: 158.755 $\pm$ 165.918 χ^2 /NDF: 39.4/39

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 917.882+/-0.465 χ^2/NDF : 9279.4/2

Right Out: 575.584+/-0.174 χ^2/NDF : 3058273.5/17

Left In: 952.166+/-0.526 χ^2/NDF : 1161.6/1

Left: 932.908+/-0.348 χ^2/NDF : 12826.5/4

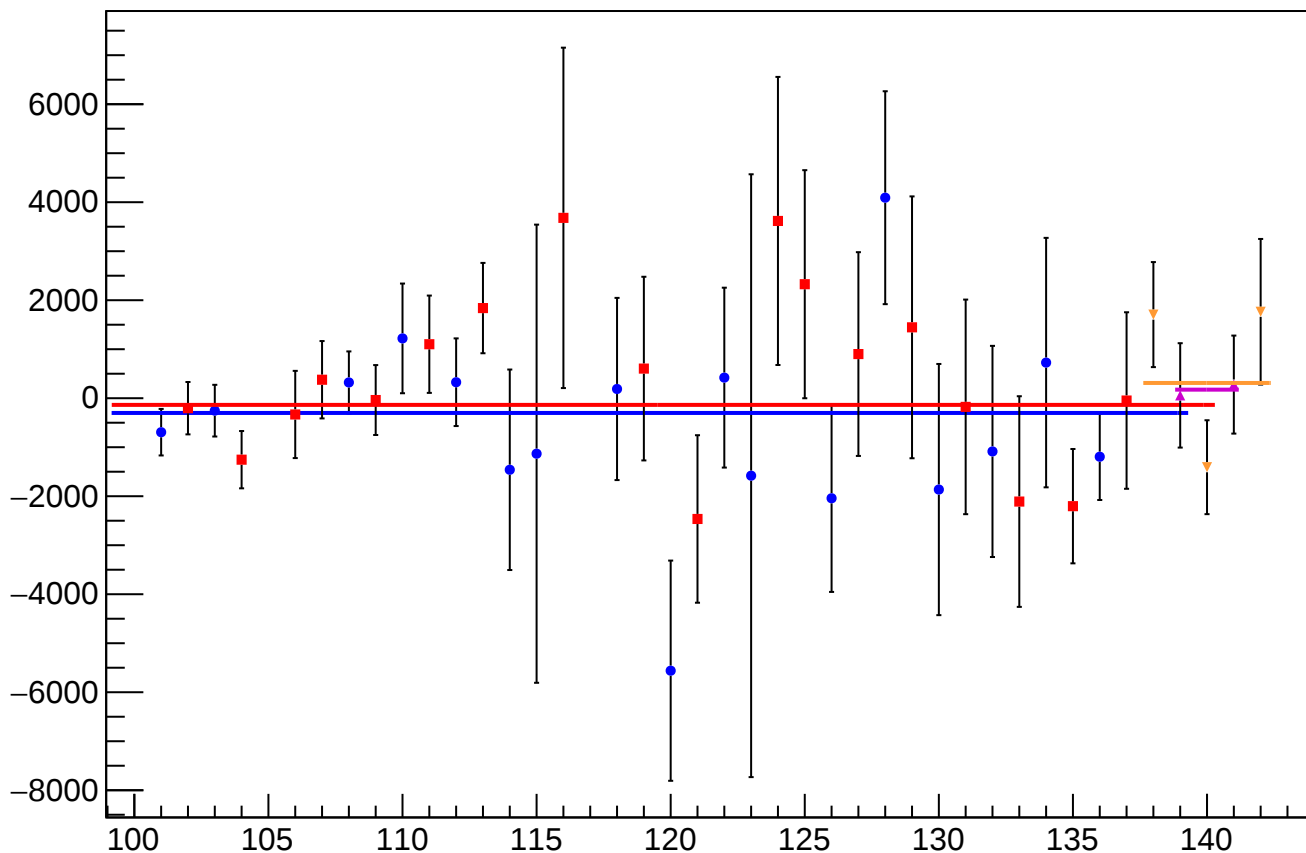
Right: 572.482+/-0.125 χ^2/NDF : 6325976.2/34

In: 608.842+/-0.169 χ^2/NDF : 3743253.4/18

Out: 617.574+/-0.163 χ^2/NDF : 3543553.7/20

All: 613.379+/-0.117 χ^2/NDF : 7288189.8/39

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 311.412 ± 643.790 χ^2/NDF : 5.9/2

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 174.817 ± 729.123 χ^2/NDF : 0.0/1

Left: 251.572 ± 482.592 χ^2/NDF : 5.9/4

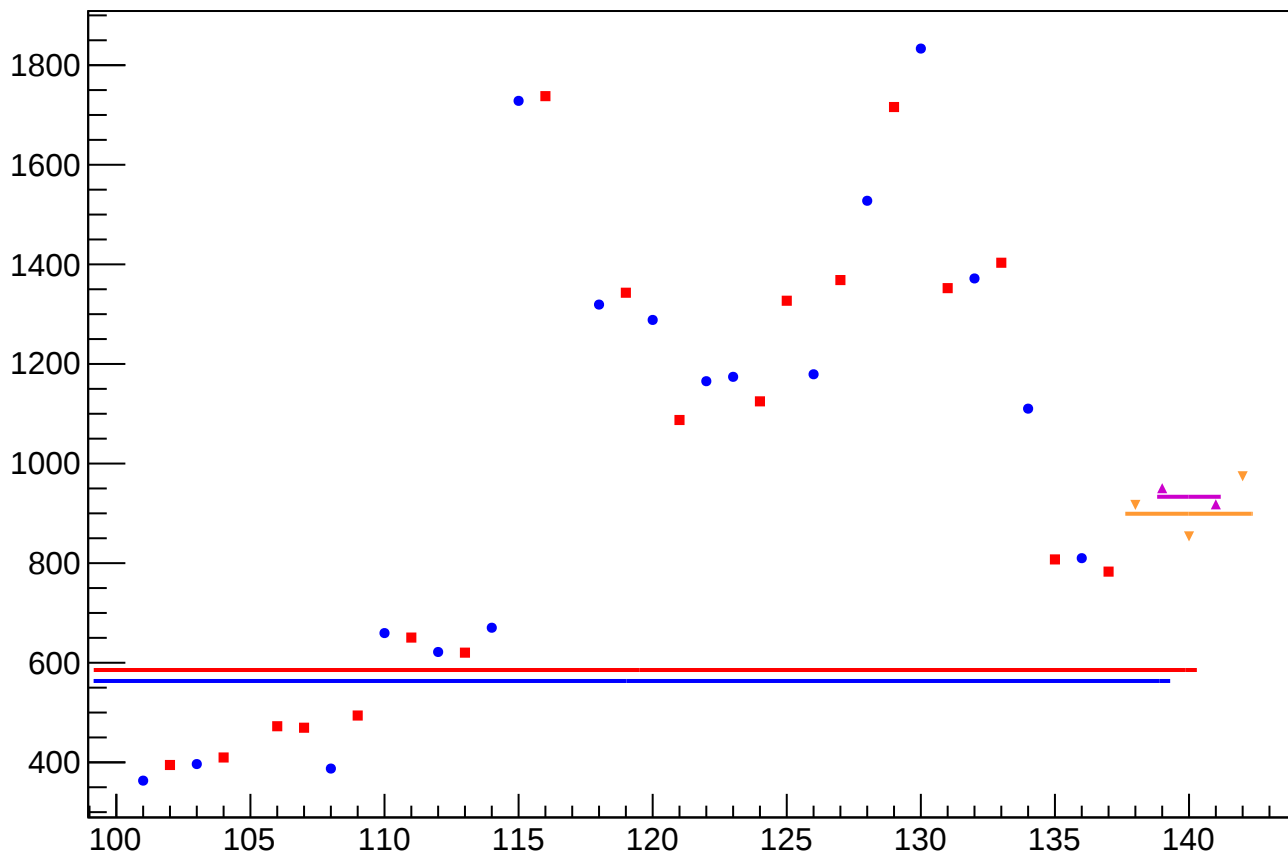
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -250.526 ± 236.741 χ^2/NDF : 17.1/18

Out: -78.404 ± 231.173 χ^2/NDF : 27.2/20

All: -162.417 ± 165.397 χ^2/NDF : 44.5/39

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 899.205+/-0.455 χ^2/NDF : 10179.1/2

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 933.320+/-0.516 χ^2/NDF : 981.5/1

Left: 914.150+/-0.341 χ^2/NDF : 13621.1/4

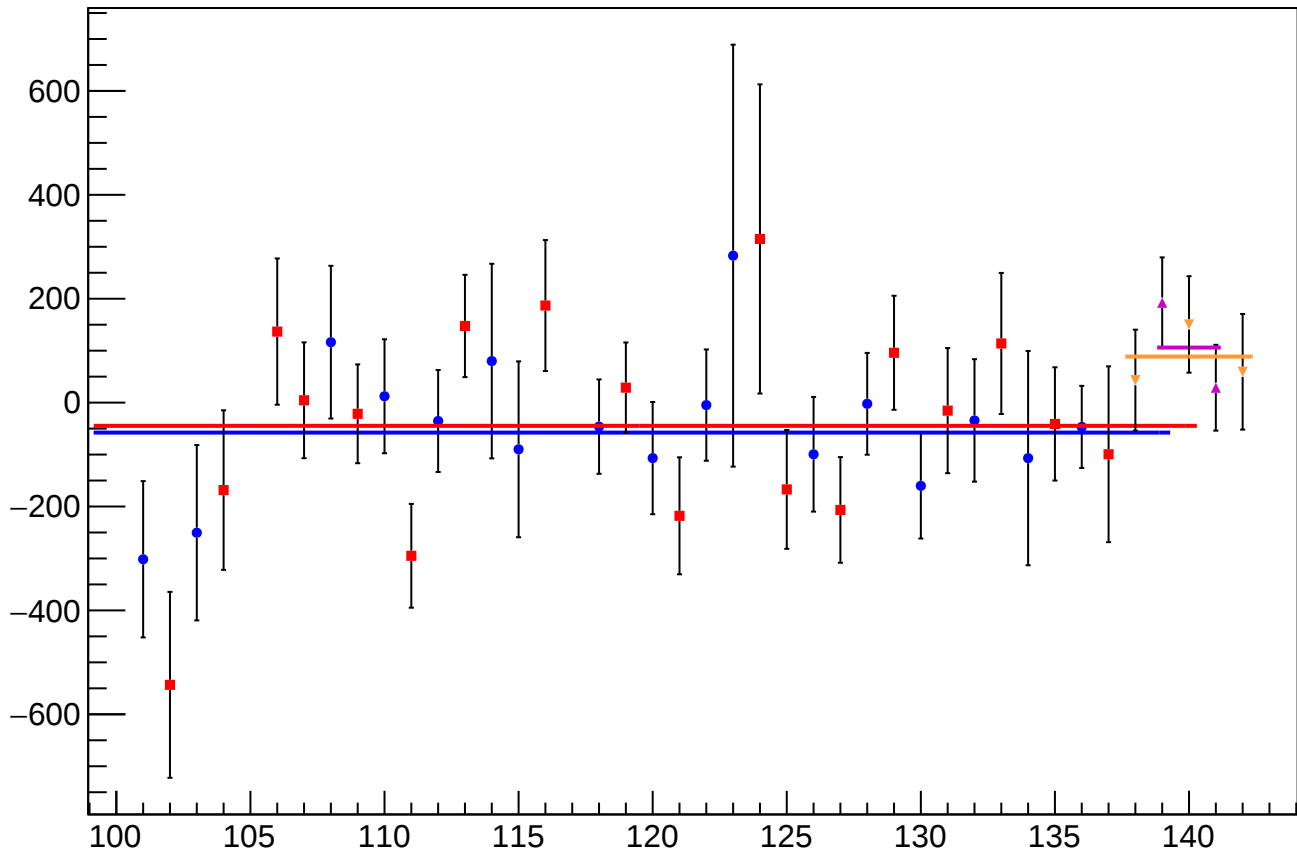
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 602.393+/-0.167 χ^2/NDF : 3720577.8/18

Out: 625.895+/-0.163 χ^2/NDF : 3242134.2/20

All: 614.424+/-0.117 χ^2/NDF : 6972801.8/39

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 88.665 $\pm$ 57.489 χ^2 /NDF:0.7/2

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 105.994 $\pm$ 60.005 χ^2 /NDF:1.9/1

Left: 96.959 $\pm$ 41.512 χ^2 /NDF: 2.6/4

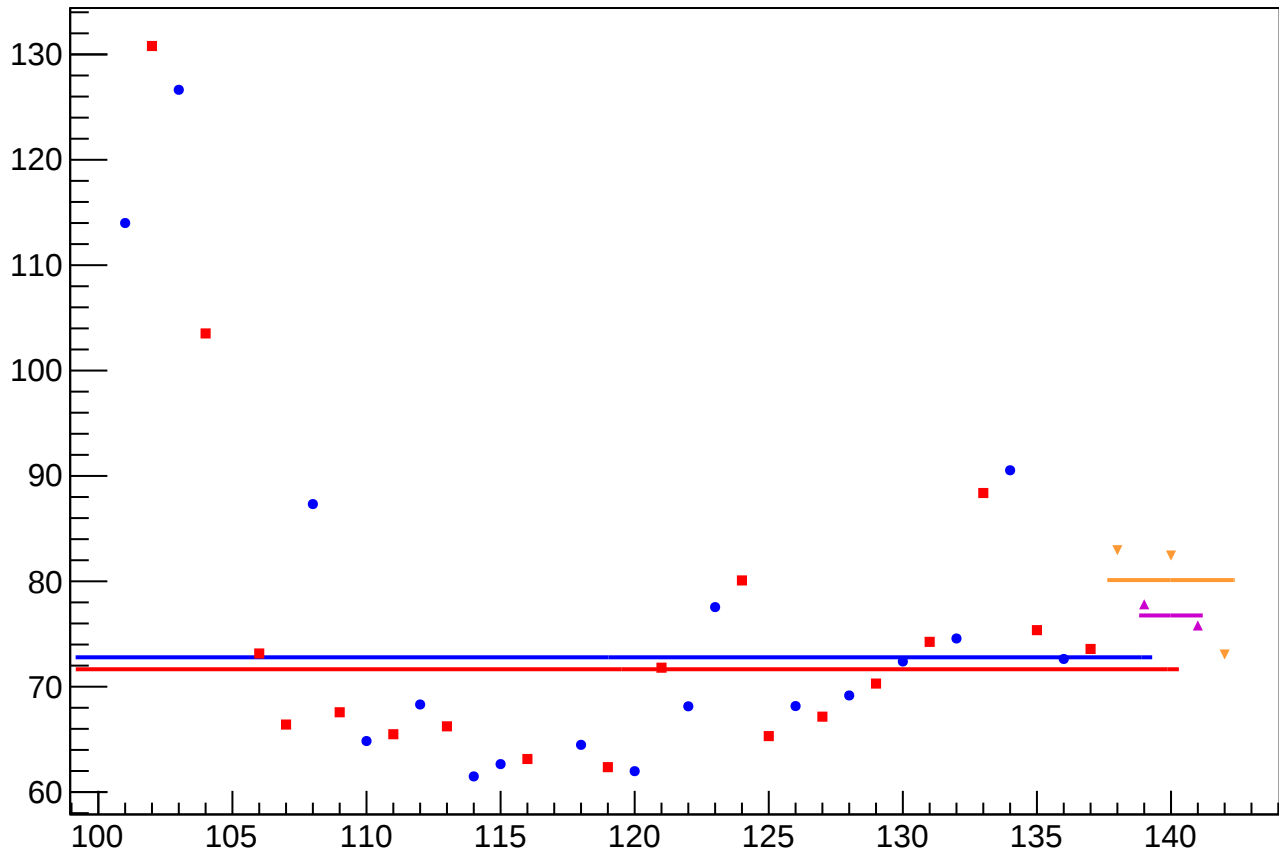
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: -27.243 $\pm$ 25.886 χ^2 /NDF:17.0/18

Out: -19.550 $\pm$ 24.963 χ^2 /NDF:40.3/20

All: -23.256 $\pm$ 17.969 χ^2 /NDF: 57.4/39

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 80.117 $\pm$ 0.041 χ^2/NDF :11010.9/2

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 76.761 $\pm$ 0.042 χ^2/NDF :559.5/1

Left: 78.511 $\pm$ 0.029 χ^2/NDF : 14833.4/4

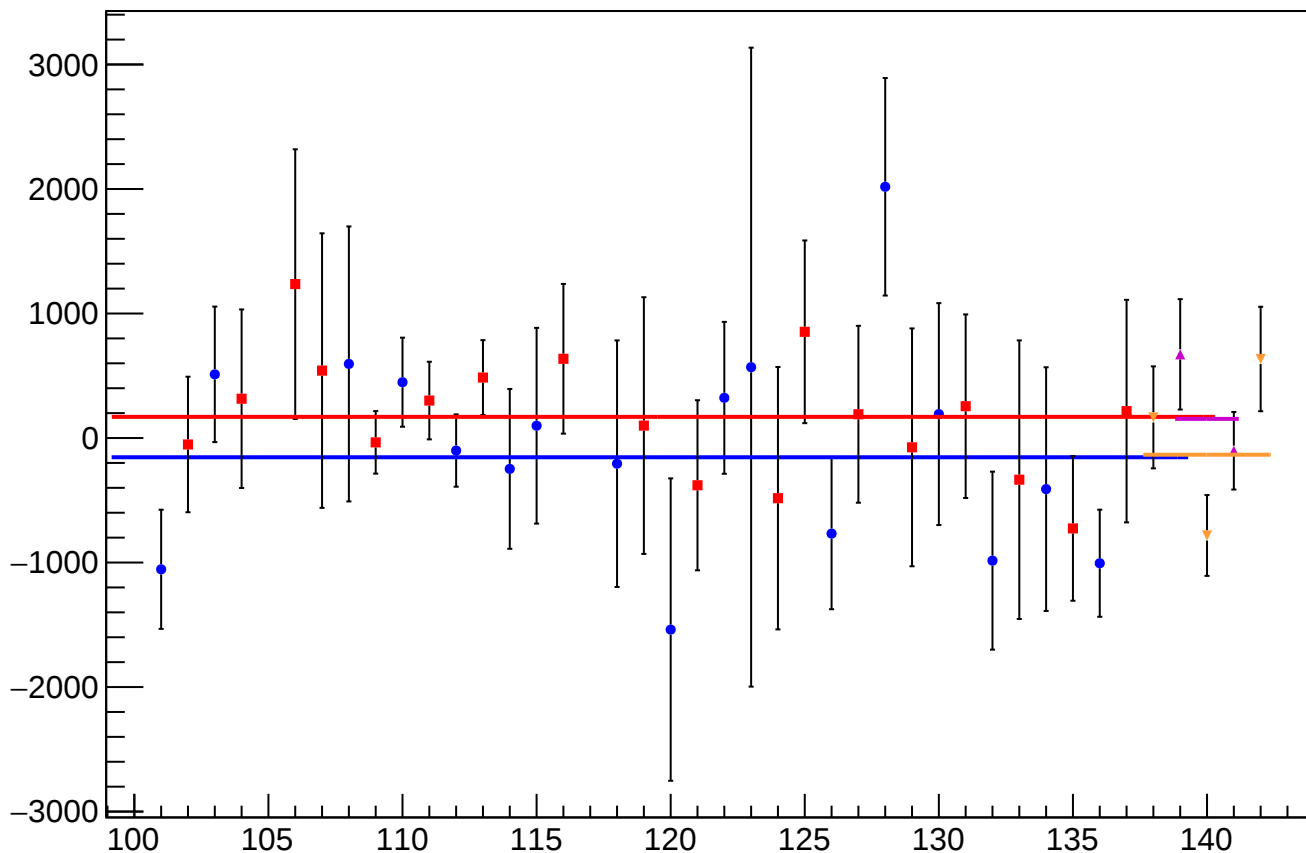
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 73.529 $\pm$ 0.018 χ^2/NDF :472460.6/18

Out: 73.251 $\pm$ 0.018 χ^2/NDF :450548.8/20

All: 73.385 $\pm$ 0.013 χ^2/NDF : 923129.1/39

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -134.078+/-217.532 χ^2/NDF : 7.9/2

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: 153.753+/-254.939 χ^2/NDF : 2.0/1

Left: -12.809+/-165.479 χ^2/NDF : 10.7/4

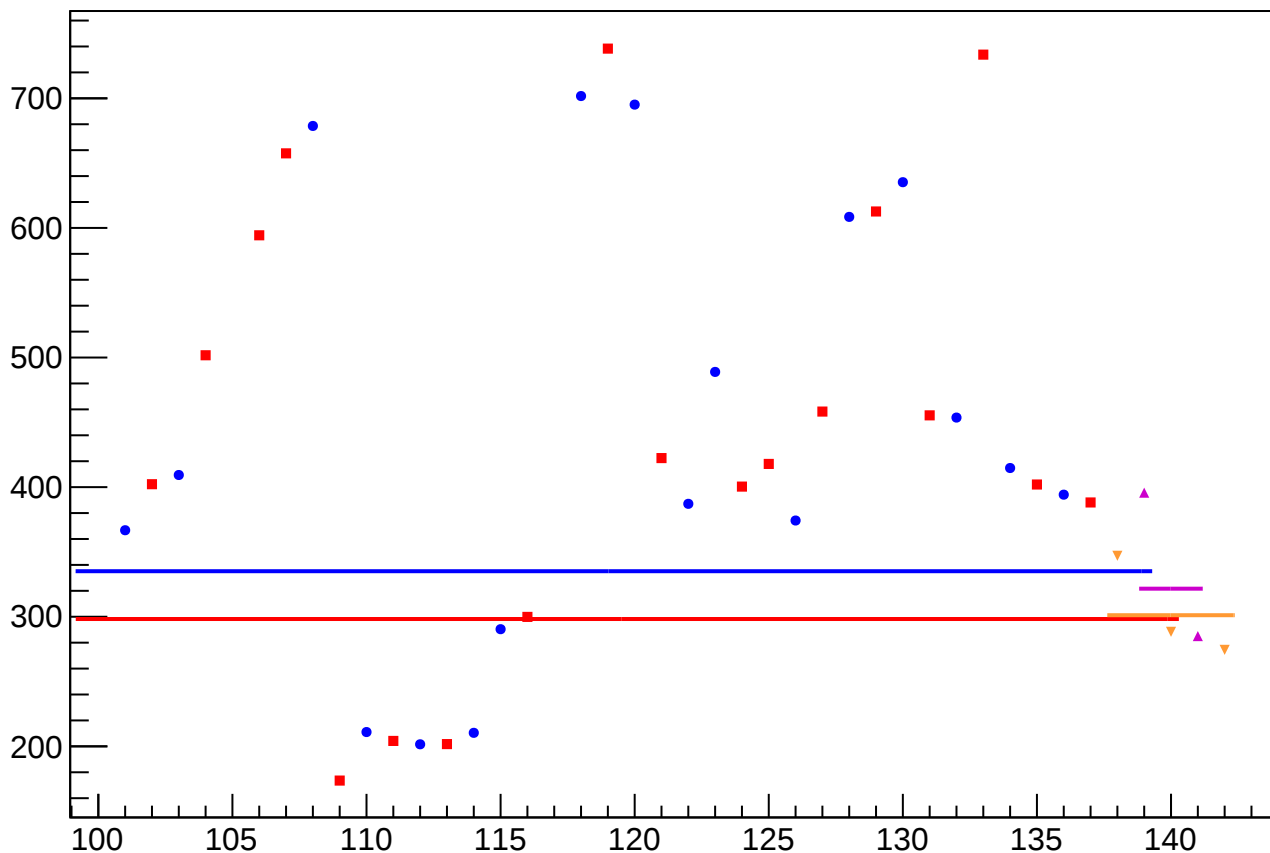
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -82.457+/-123.185 χ^2/NDF : 26.3/18

Out: 93.431+/-109.173 χ^2/NDF : 17.8/20

All: 16.055+/-81.704 χ^2/NDF : 45.2/39

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 301.184+/-0.154 χ^2/NDF : 36303.8/2

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 321.655+/-0.180 χ^2/NDF : 83394.2/1

Left: 309.808+/-0.117 χ^2/NDF : 127160.5/4

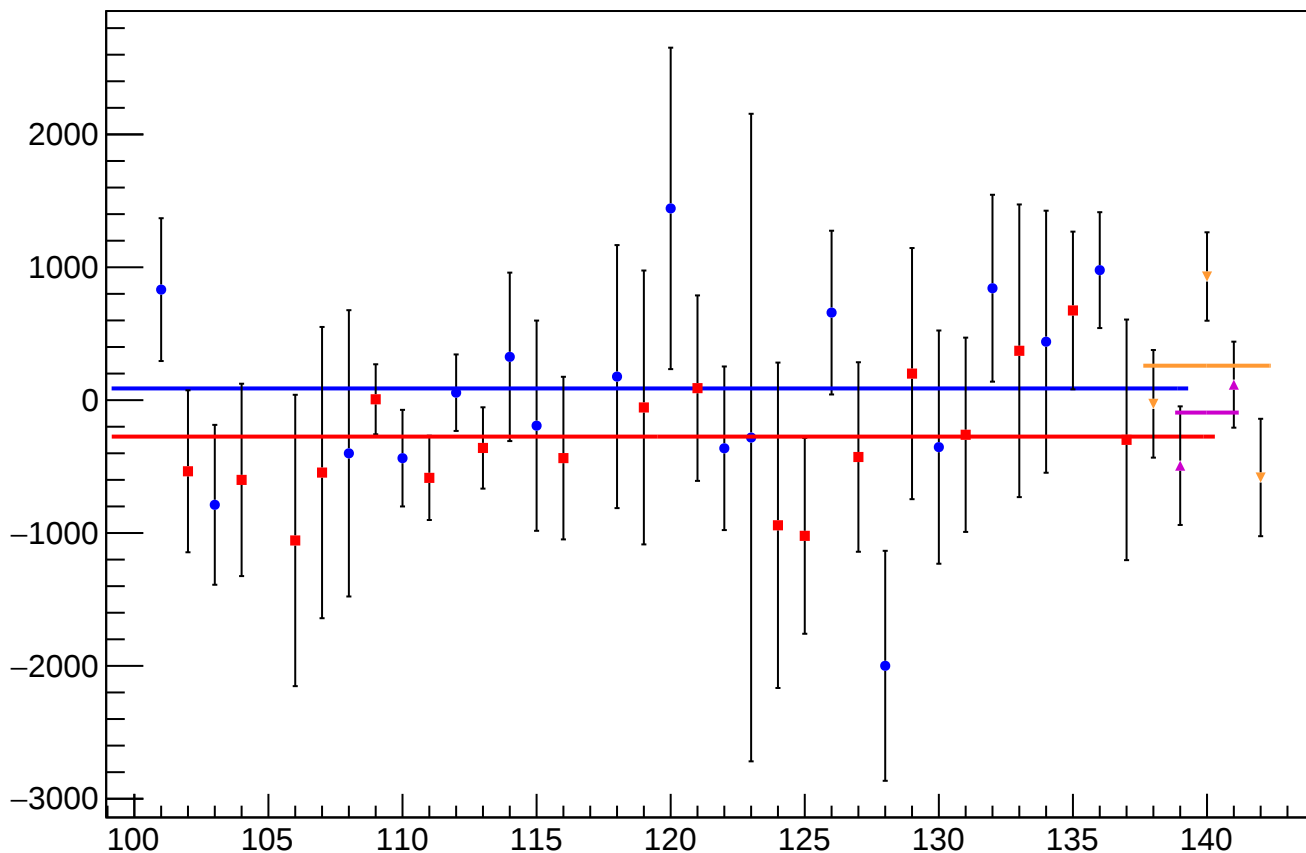
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 298.991+/-0.077 χ^2/NDF : 2813131.2/20

All: 313.507+/-0.058 χ^2/NDF : 4975223.9/39

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 259.334+/-222.222 χ^2/NDF : 8.2/2

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: -93.613+/-262.030 χ^2/NDF : 1.2/1

Left: 111.679+/-169.480 χ^2/NDF : 10.5/4

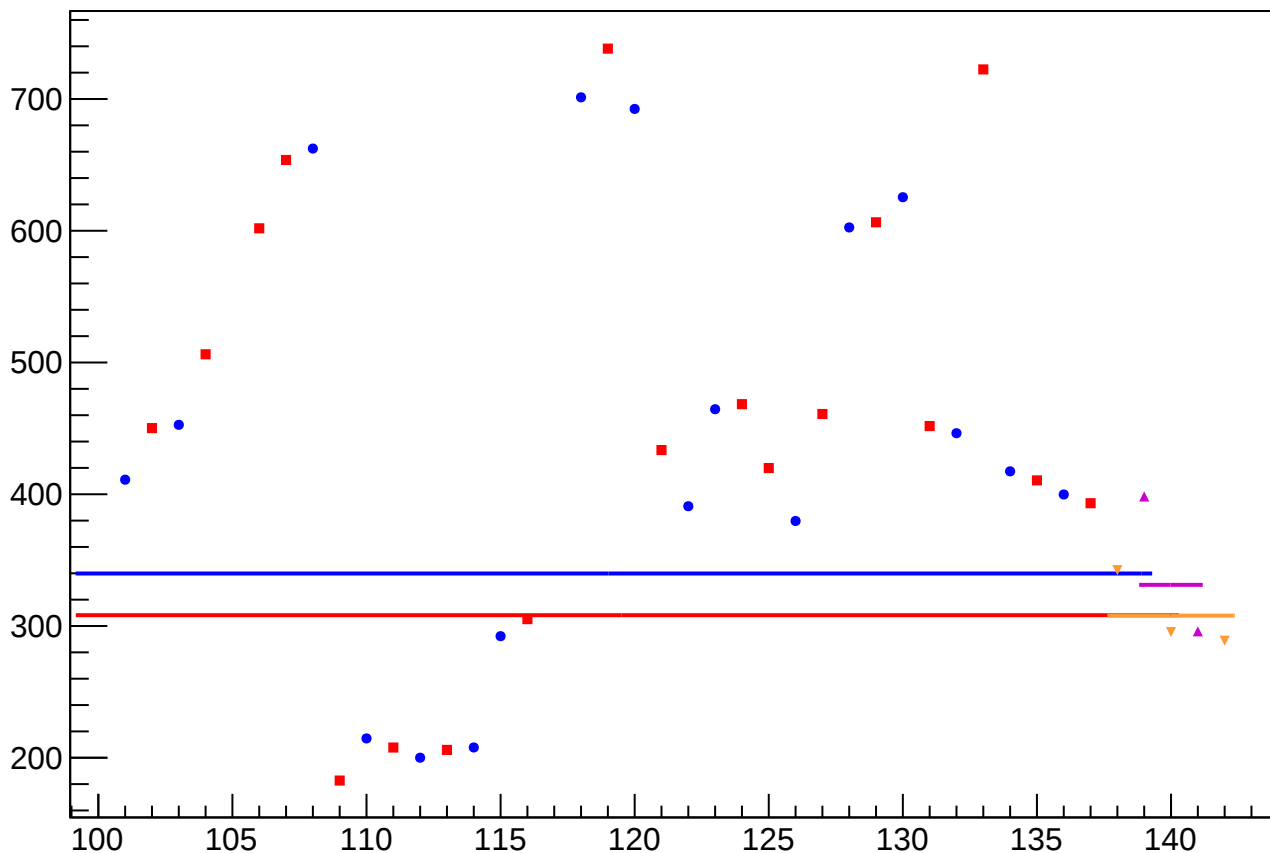
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 46.404+/-125.536 χ^2/NDF : 22.4/18

Out: -138.479+/-112.124 χ^2/NDF : 20.5/20

All: -56.438+/-83.625 χ^2/NDF : 44.1/39

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 307.883+/-0.157 χ^2/NDF :21075.7/2

Right Out: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 331.240+/-0.185 χ^2/NDF :68957.3/1

Left: 317.654+/-0.120 χ^2/NDF : 99275.9/4

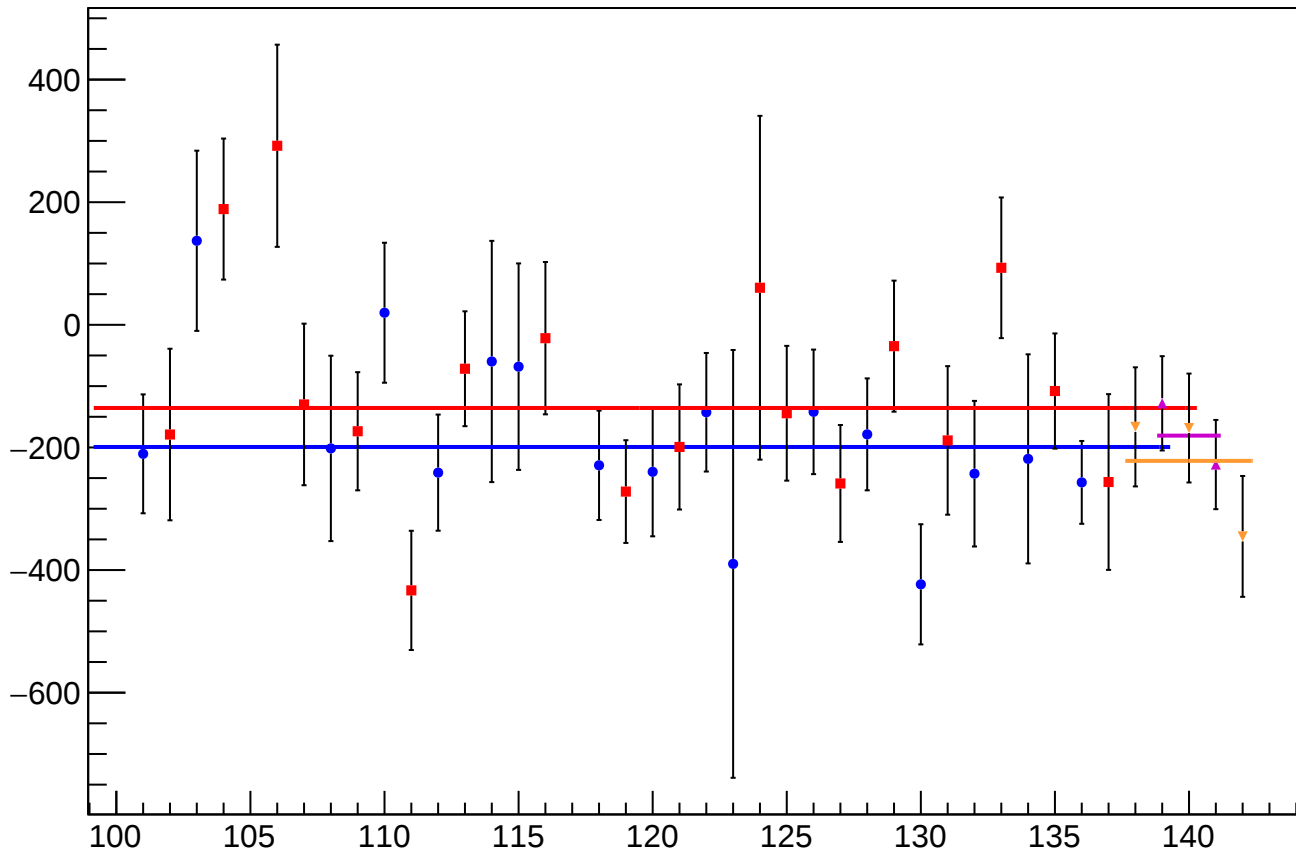
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 337.873+/-0.089 χ^2/NDF :2114143.5/18

Out: 308.119+/-0.079 χ^2/NDF :2719907.4/20

All: 321.322+/-0.059 χ^2/NDF : 4896551.8/39

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -221.925 $\pm$ 54.573 χ^2 /NDF: 2.3/2

Right Out: -135.623 $\pm$ 26.252 χ^2 /NDF: 36.7/17

Left In: -180.727 $\pm$ 52.861 χ^2 /NDF: 0.9/1

Left: -200.670 $\pm$ 37.969 χ^2 /NDF: 3.4/4

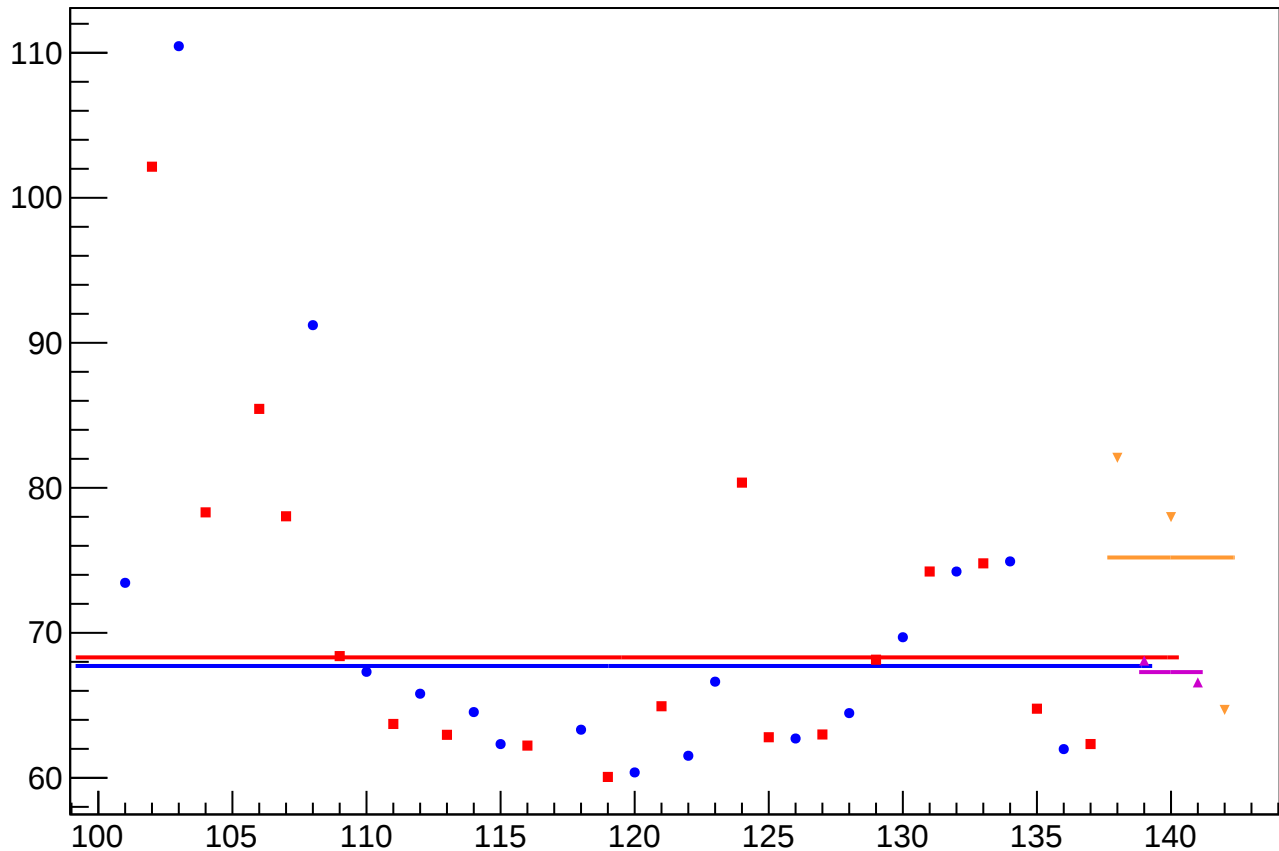
Right: -167.121 $\pm$ 18.655 χ^2 /NDF: 57.2/34

In: -195.528 $\pm$ 23.701 χ^2 /NDF: 18.6/18

Out: -151.841 $\pm$ 23.657 χ^2 /NDF: 40.9/20

All: -173.645 $\pm$ 16.744 χ^2 /NDF: 61.2/39

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 75.197 $\pm$ 0.039 χ^2 /NDF: 34732.5/2

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 67.294 $\pm$ 0.037 χ^2 /NDF: 403.1/1

Left: 71.119 $\pm$ 0.027 χ^2 /NDF: 56774.3/4

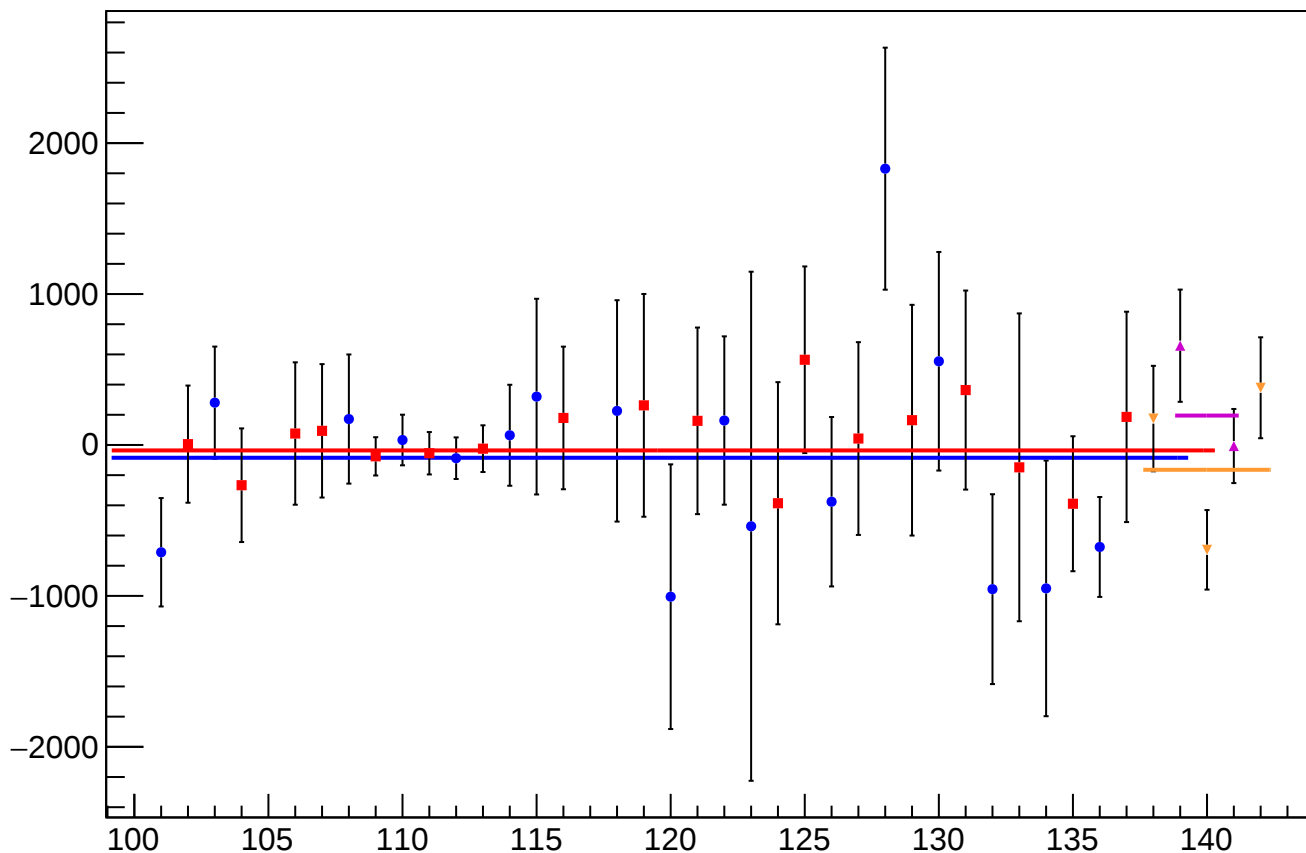
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 67.631 $\pm$ 0.017 χ^2 /NDF: 283397.2/18

Out: 69.603 $\pm$ 0.017 χ^2 /NDF: 294921.9/20

All: 68.619 $\pm$ 0.012 χ^2 /NDF: 585256.4/39

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -164.433 ± 178.045 $\chi^2/\text{NDF}: 7.6/2$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 194.854 ± 204.915 $\chi^2/\text{NDF}: 2.2/1$

Left: -9.875 ± 134.400 $\chi^2/\text{NDF}: 11.6/4$

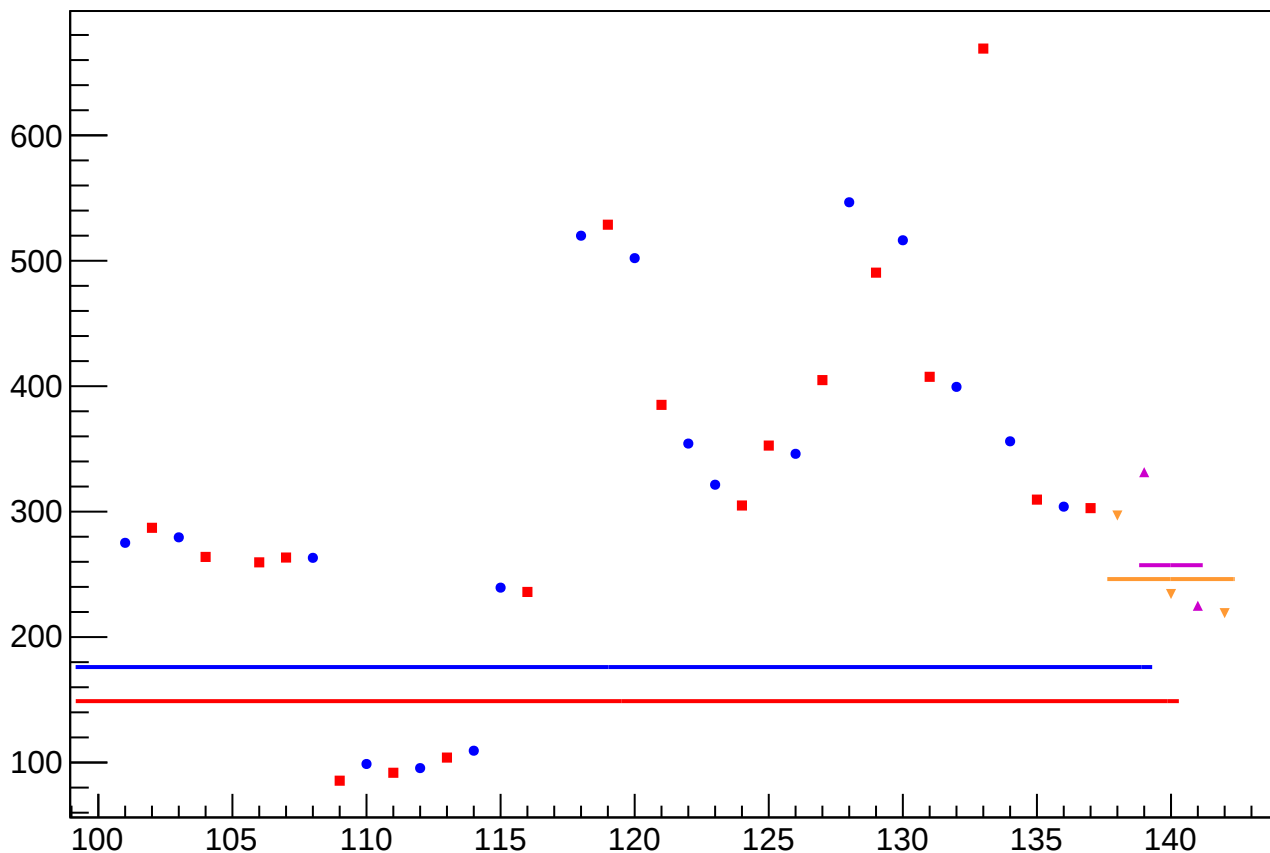
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -45.621 ± 76.664 $\chi^2/\text{NDF}: 23.7/18$

Out: -53.203 ± 64.944 $\chi^2/\text{NDF}: 11.5/20$

All: -50.035 ± 49.554 $\chi^2/\text{NDF}: 35.3/39$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 246.243 $\pm$ 0.126 χ^2 /NDF: 59363.7/2

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 257.310 $\pm$ 0.145 χ^2 /NDF: 114226.8/1

Left: 251.004 $\pm$ 0.095 χ^2 /NDF: 176915.1/4

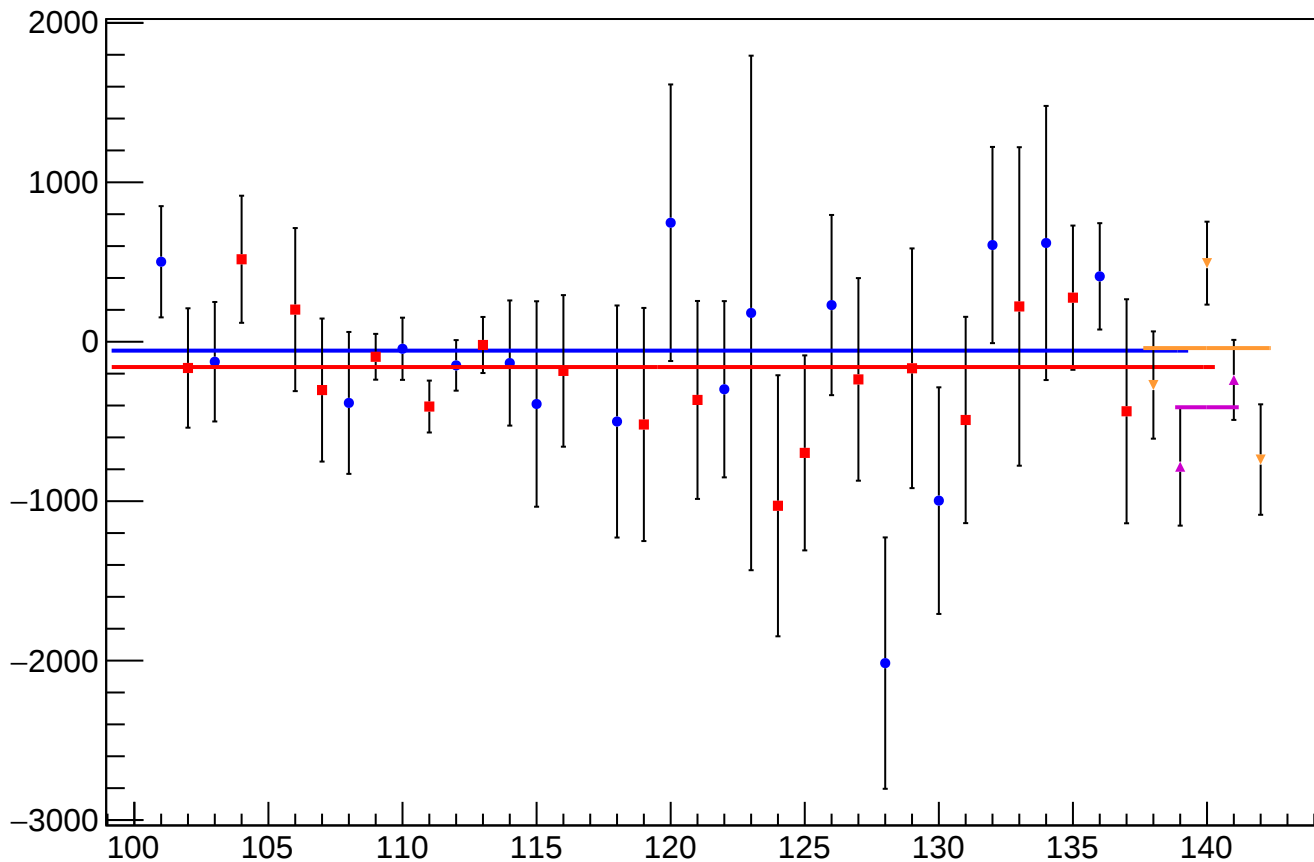
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 187.464 $\pm$ 0.054 χ^2 /NDF: 4608062.2/18

Out: 161.879 $\pm$ 0.046 χ^2 /NDF: 5348228.3/20

All: 172.569 $\pm$ 0.035 χ^2 /NDF: 10085972.1/39

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: -39.764 ± 176.944 $\chi^2/\text{NDF}: 8.7/2$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -410.863 ± 207.685 $\chi^2/\text{NDF}: 1.5/1$

Left: -195.843 ± 134.689 $\chi^2/\text{NDF}: 12.1/4$

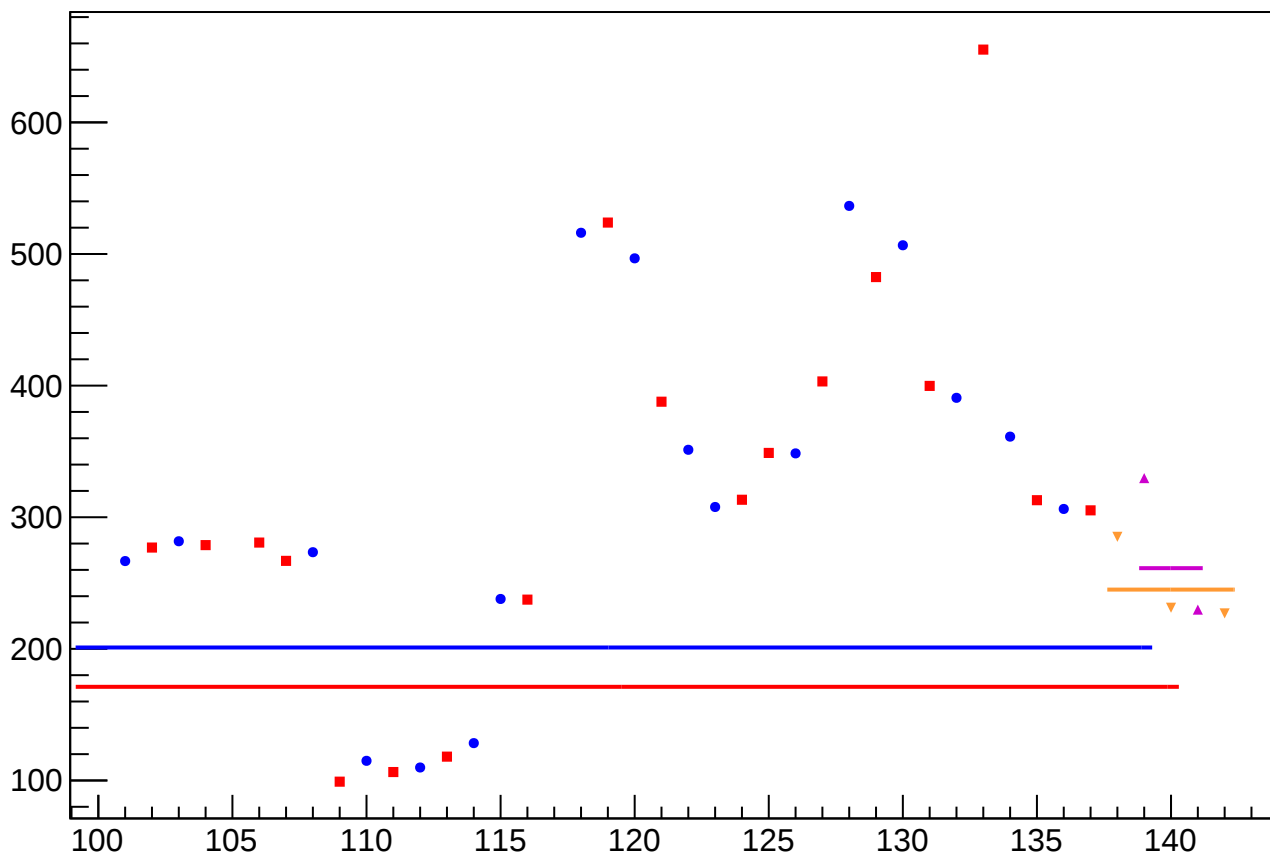
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -112.473 ± 83.021 $\chi^2/\text{NDF}: 21.1/18$

Out: -139.713 ± 70.660 $\chi^2/\text{NDF}: 19.5/20$

All: -128.270 ± 53.809 $\chi^2/\text{NDF}: 40.6/39$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 245.029+/-0.125 χ^2/NDF :39472.7/2

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 261.311+/-0.147 χ^2/NDF :99922.4/1

Left: 251.877+/-0.095 χ^2/NDF : 146517.3/4

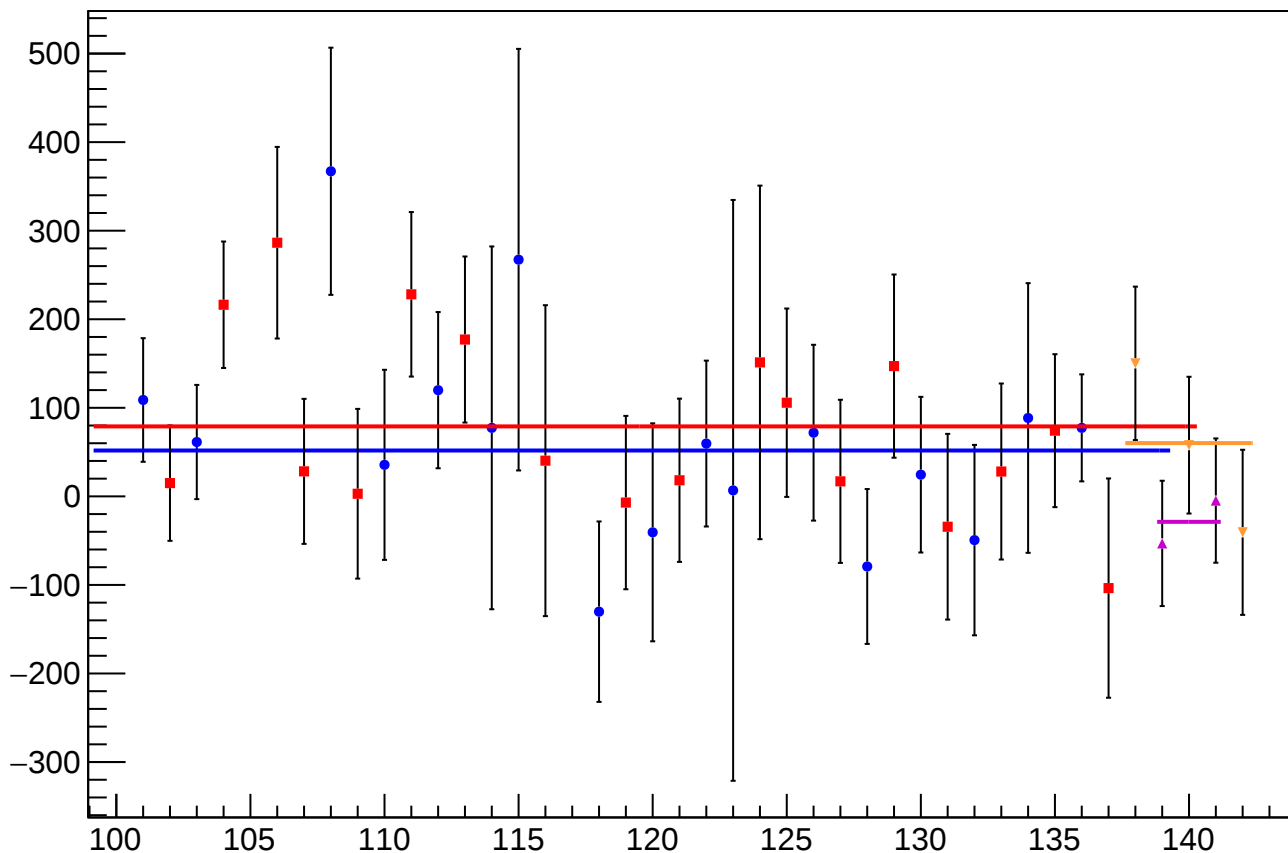
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 210.668+/-0.059 χ^2/NDF :3674486.6/18

Out: 182.939+/-0.050 χ^2/NDF :4398058.8/20

All: 194.588+/-0.038 χ^2/NDF : 8201931.6/39

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 60.191 $\pm$ 49.024 χ^2 /NDF: 2.3/2

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -28.748 $\pm$ 49.831 χ^2 /NDF: 0.2/1

Left: 16.447 $\pm$ 34.947 χ^2 /NDF: 4.1/4

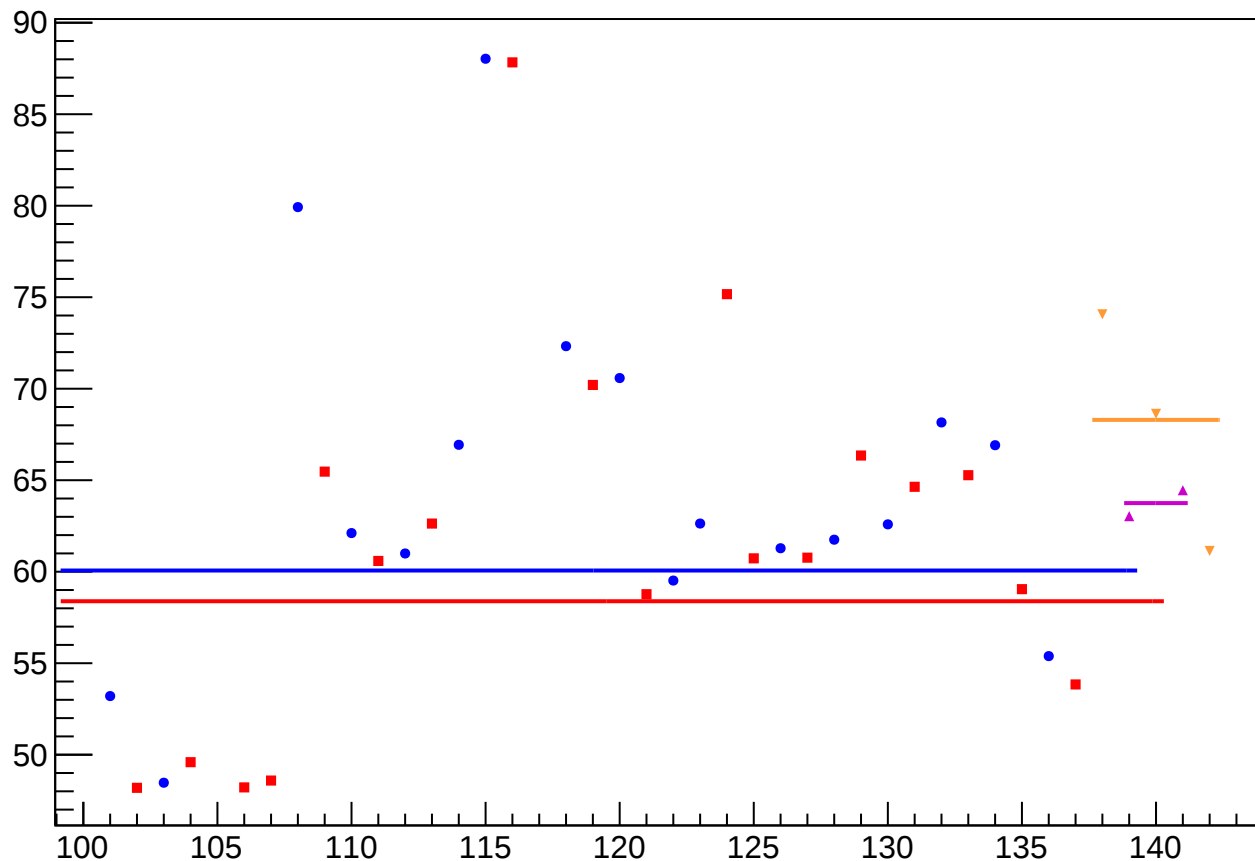
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.106 $\pm$ 21.283 χ^2 /NDF: 16.9/18

Out: 75.734 $\pm$ 20.449 χ^2 /NDF: 21.3/20

All: 57.192 $\pm$ 14.746 χ^2 /NDF: 40.0/39

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 68.297 $\pm$ 0.035 χ^2 /NDF: 20711.8/2

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 63.750 $\pm$ 0.035 χ^2 /NDF: 404.2/1

Left: 66.061 $\pm$ 0.025 χ^2 /NDF: 29578.2/4

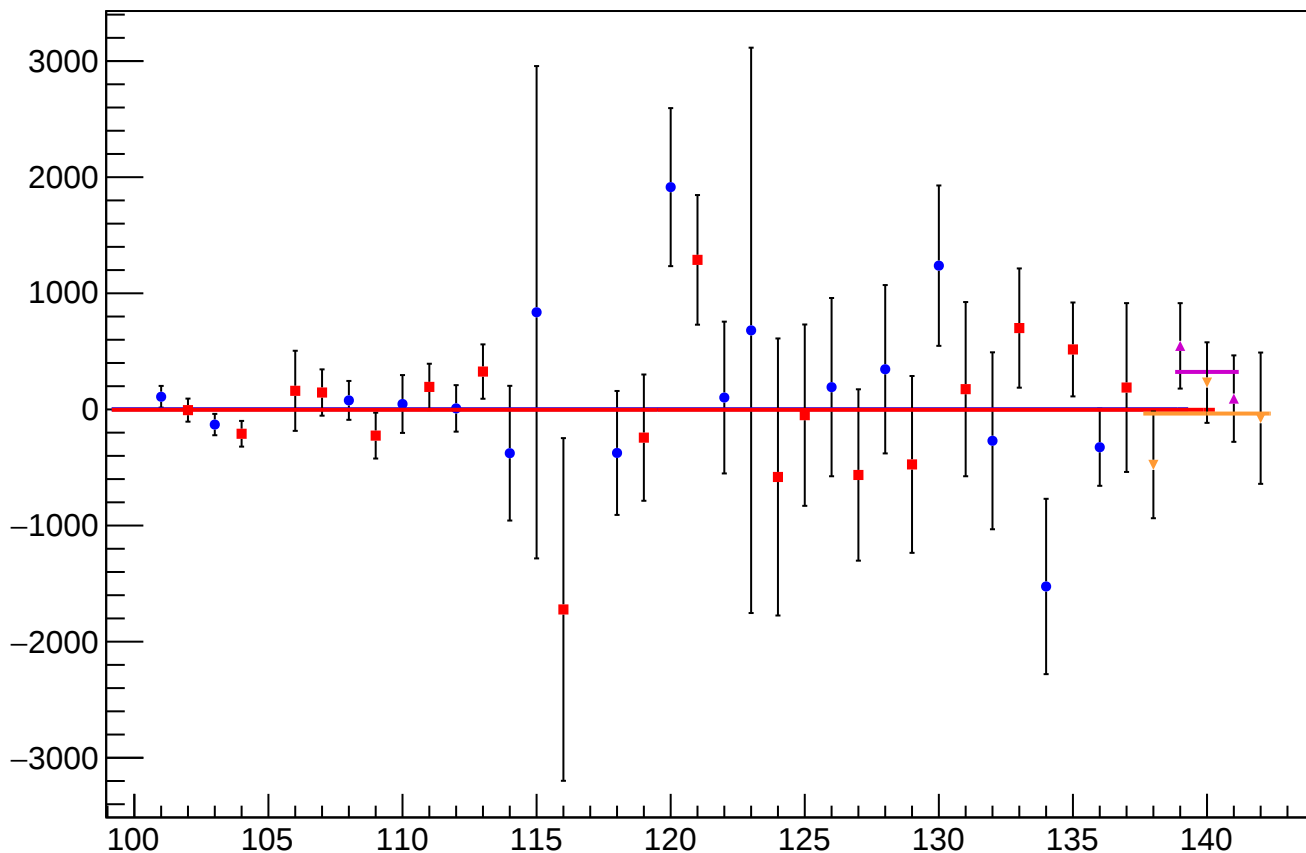
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 60.737 $\pm$ 0.015 χ^2 /NDF: 238443.3/18

Out: 60.111 $\pm$ 0.014 χ^2 /NDF: 363236.4/20

All: 60.412 $\pm$ 0.010 χ^2 /NDF: 602580.4/39

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -35.641 ± 248.650 $\chi^2/\text{NDF}: 1.5/2$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 322.882 ± 261.690 $\chi^2/\text{NDF}: 0.8/1$

Left: 134.466 ± 180.256 $\chi^2/\text{NDF}: 3.3/4$

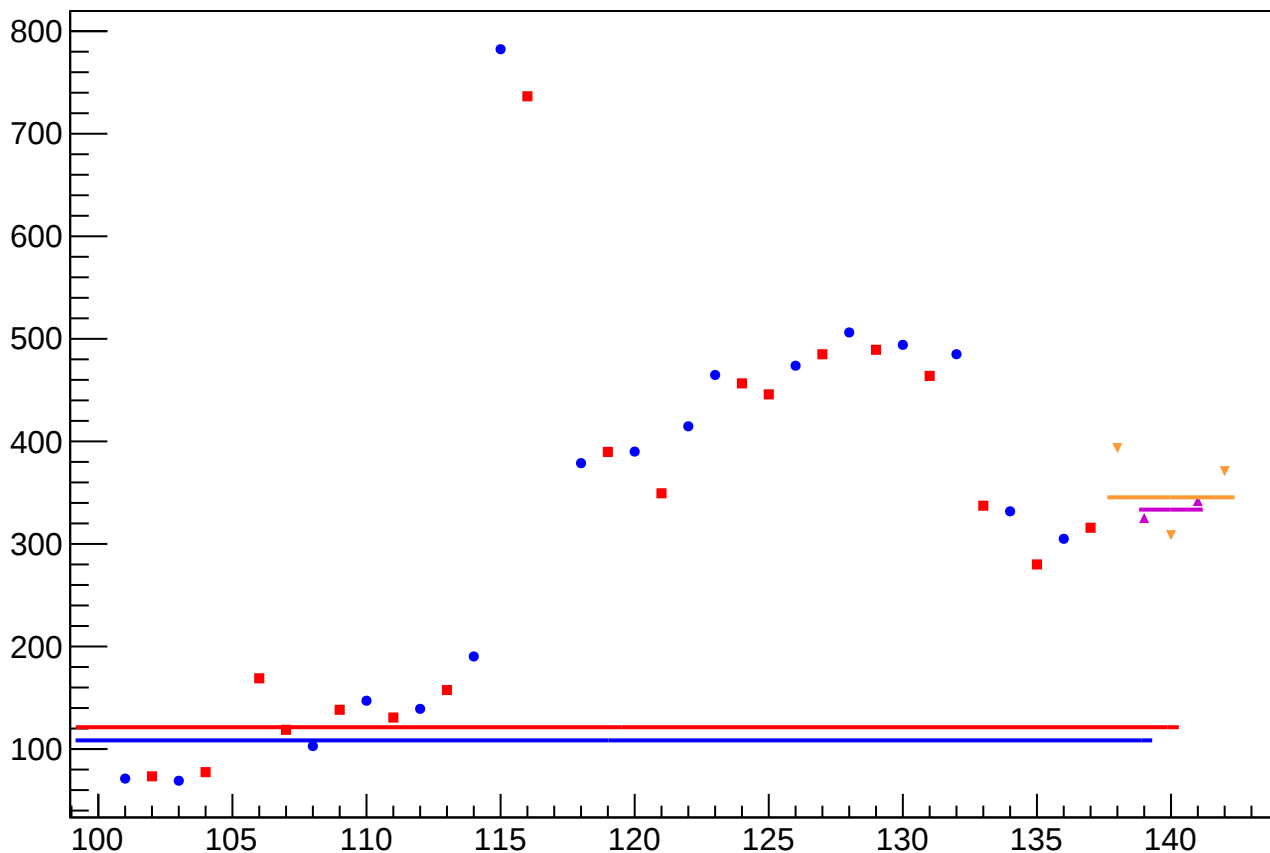
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 14.836 ± 53.153 $\chi^2/\text{NDF}: 23.6/18$

Out: -4.839 ± 55.199 $\chi^2/\text{NDF}: 21.8/20$

All: 5.370 ± 38.288 $\chi^2/\text{NDF}: 45.4/39$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 345.449+/-0.176 χ^2/NDF : 48549.6/2

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 333.478+/-0.185 χ^2/NDF : 2003.8/1

Left: 339.769+/-0.127 χ^2/NDF : 52753.0/4

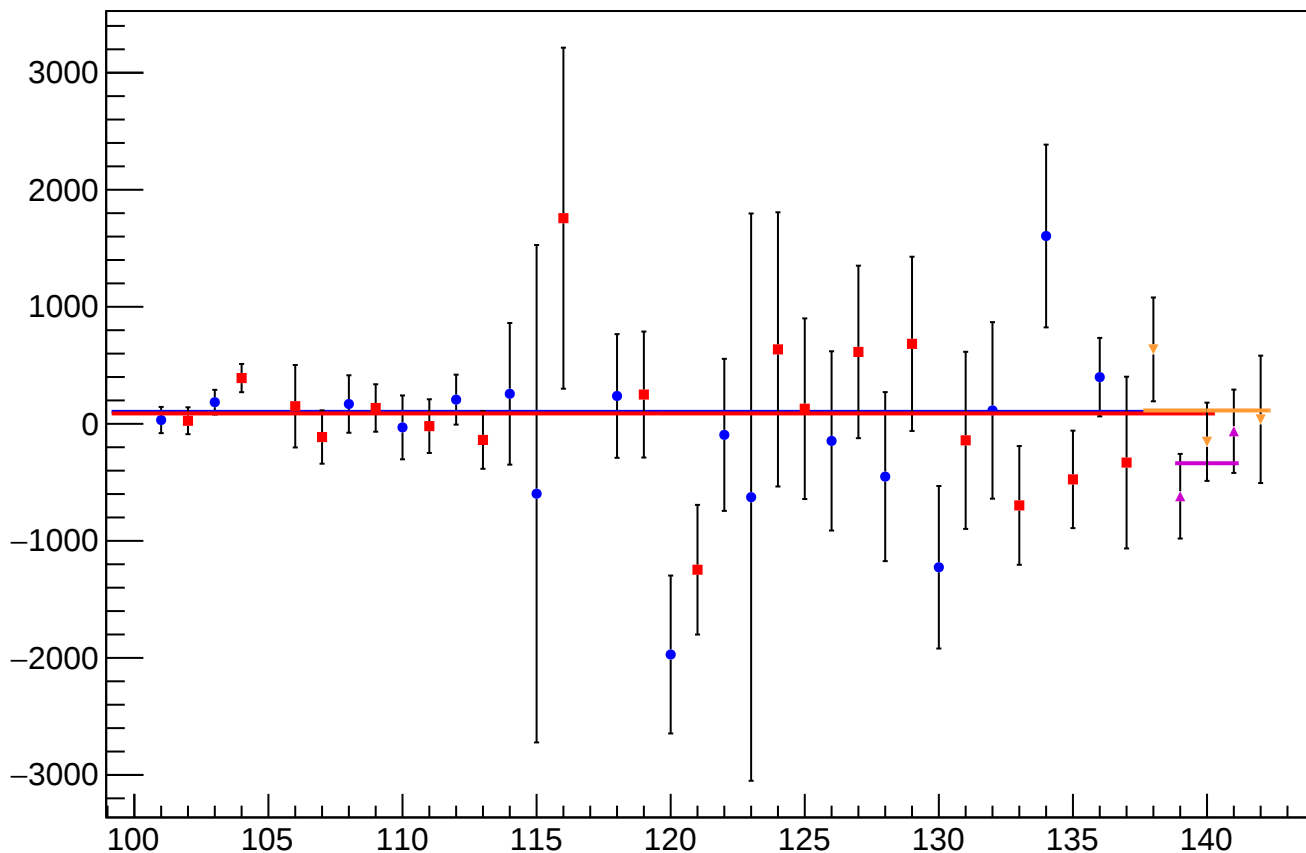
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 132.349+/-0.039 χ^2/NDF : 6325258.7/20

All: 124.763+/-0.027 χ^2/NDF : 13222098.3/39

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 114.318+/-239.662 χ^2/NDF : 2.0/2

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -336.616+/-253.616 χ^2/NDF : 1.2/1

Left: -98.403+/-174.191 χ^2/NDF : 4.9/4

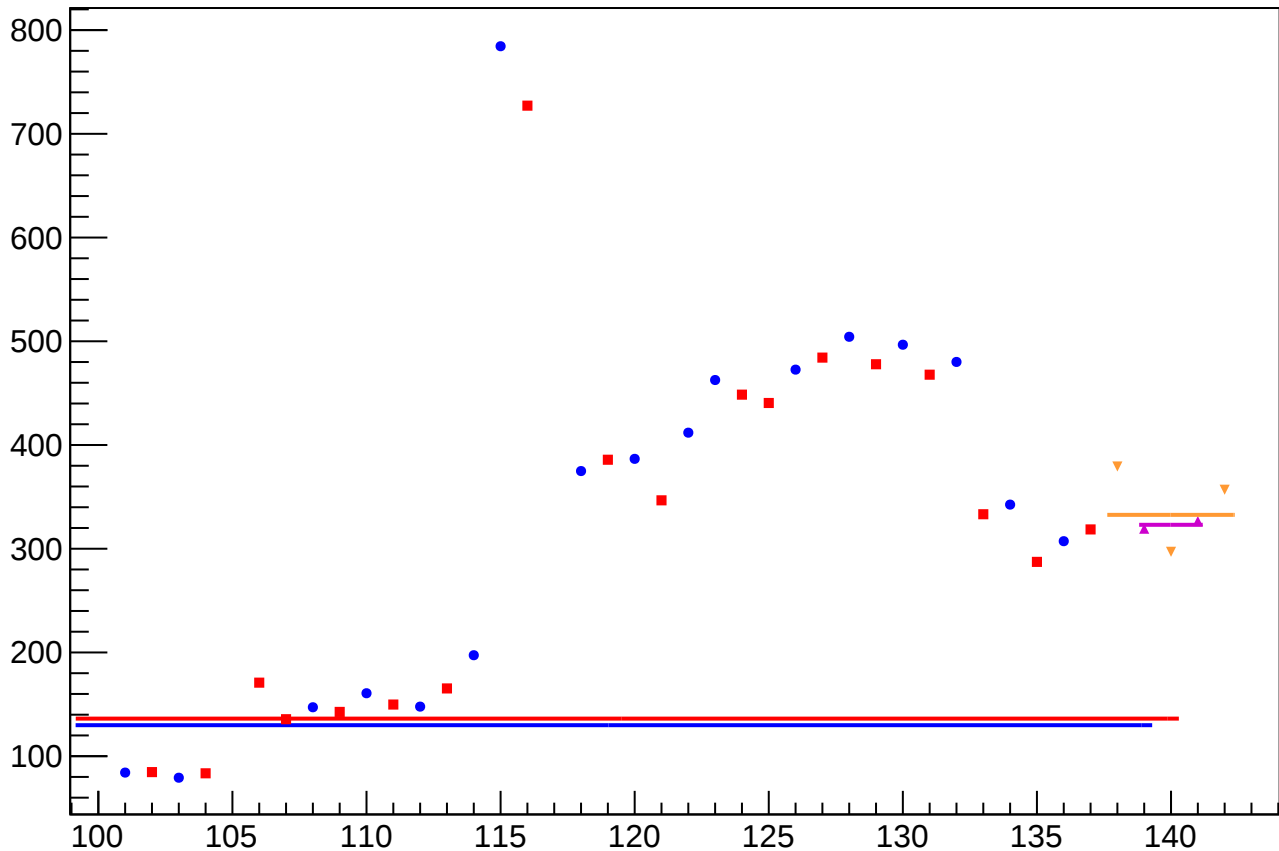
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 76.619+/-61.258 χ^2/NDF : 24.3/18

Out: 90.450+/-60.233 χ^2/NDF : 23.8/20

All: 83.651+/-42.949 χ^2/NDF : 48.1/39

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 332.656+/-0.169 χ^2/NDF : 48765.8/2

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 323.066+/-0.179 χ^2/NDF : 425.0/1

Left: 328.132+/-0.123 χ^2/NDF : 50701.4/4

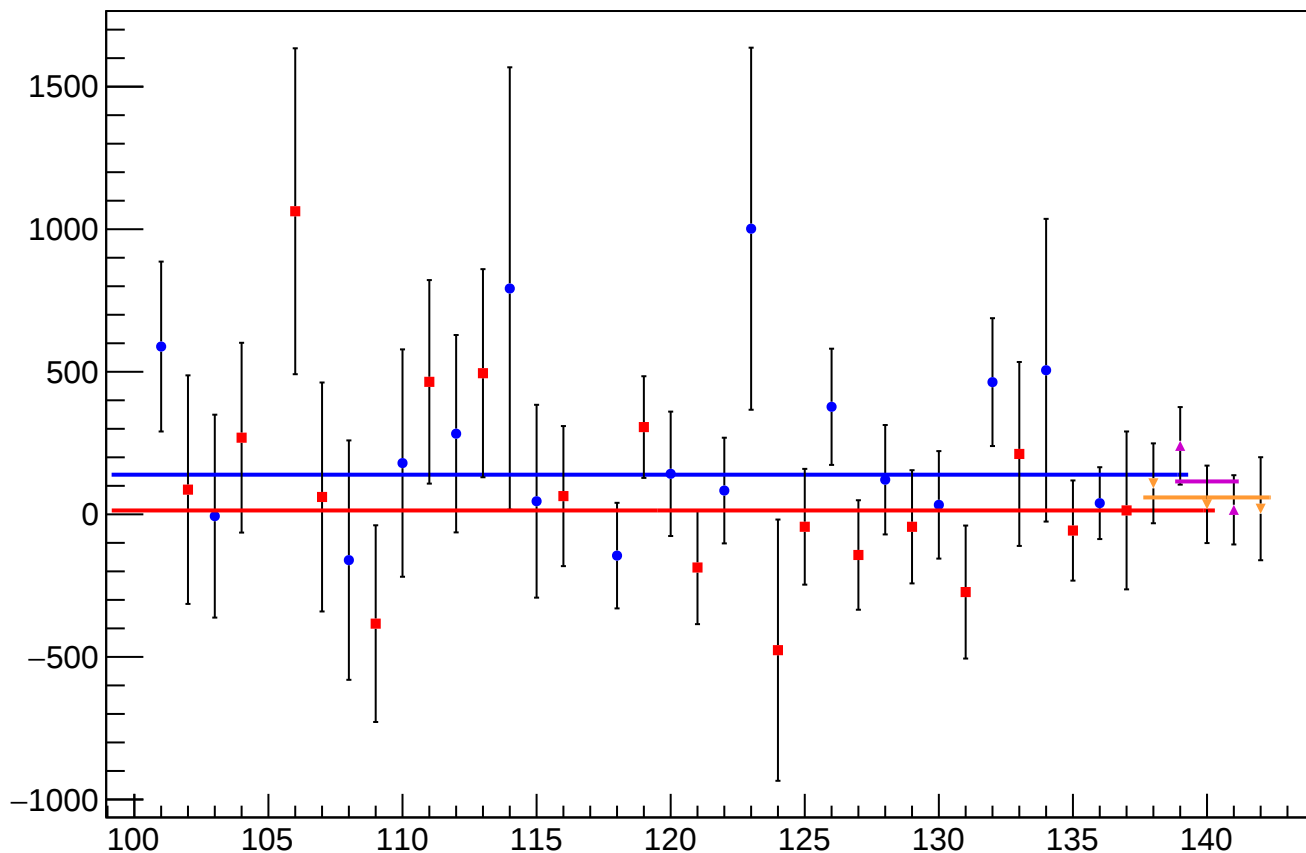
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 148.632+/-0.043 χ^2/NDF : 5590252.4/20

All: 144.956+/-0.030 χ^2/NDF : 11528064.1/39

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 59.307 $\pm$ 85.822 χ^2 /NDF:0.2/2

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 115.440 $\pm$ 90.581 χ^2 /NDF:1.5/1

Left: 85.860 $\pm$ 62.300 χ^2 /NDF: 1.9/4

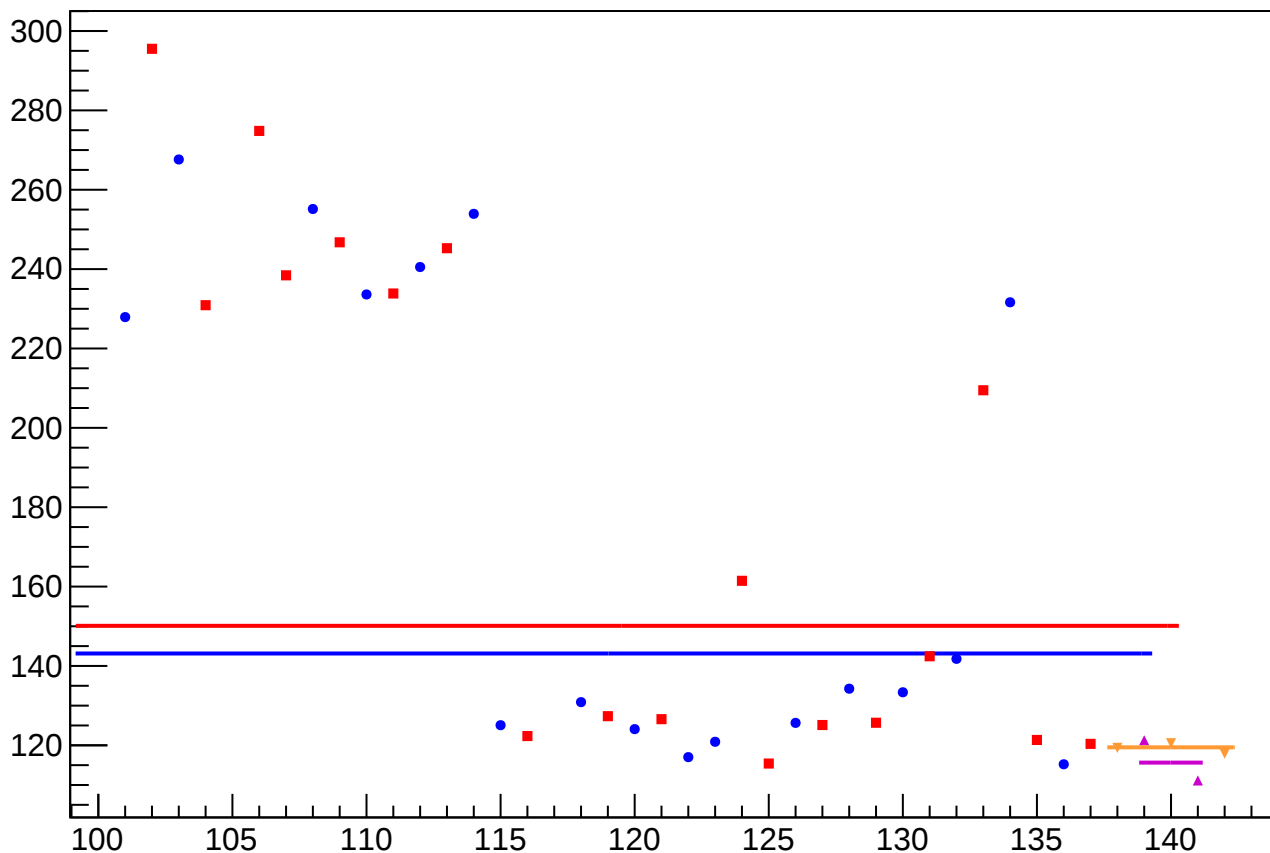
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 132.218 $\pm$ 48.834 χ^2 /NDF:14.7/18

Out: 28.673 $\pm$ 49.244 χ^2 /NDF:16.8/20

All: 80.879 $\pm$ 34.675 χ^2 /NDF: 33.7/39

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 119.492 $\pm$ 0.061 χ^2 /NDF:276.4/2

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 115.638 $\pm$ 0.064 χ^2 /NDF:6171.7/1

Left: 117.669 $\pm$ 0.044 χ^2 /NDF: 8355.3/4

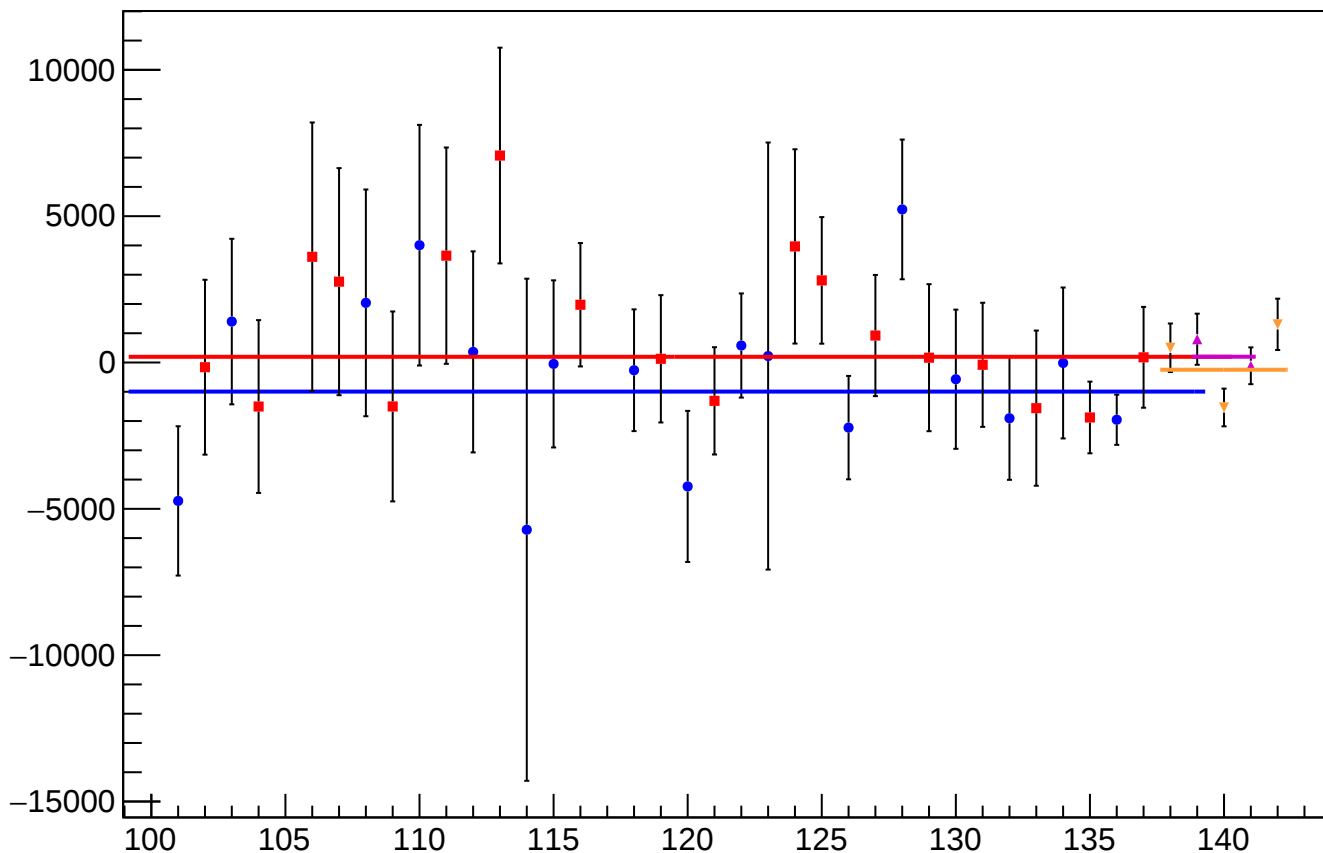
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 135.146 $\pm$ 0.035 χ^2 /NDF:1238215.8/18

Out: 140.029 $\pm$ 0.035 χ^2 /NDF:1503793.0/20

All: 137.567 $\pm$ 0.025 χ^2 /NDF: 2751921.0/39

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -247.279+/-440.106 χ^2/NDF : 7.9/2

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 197.865+/-510.107 χ^2/NDF : 0.7/1

Left: -57.323+/-333.225 χ^2/NDF : 9.1/4

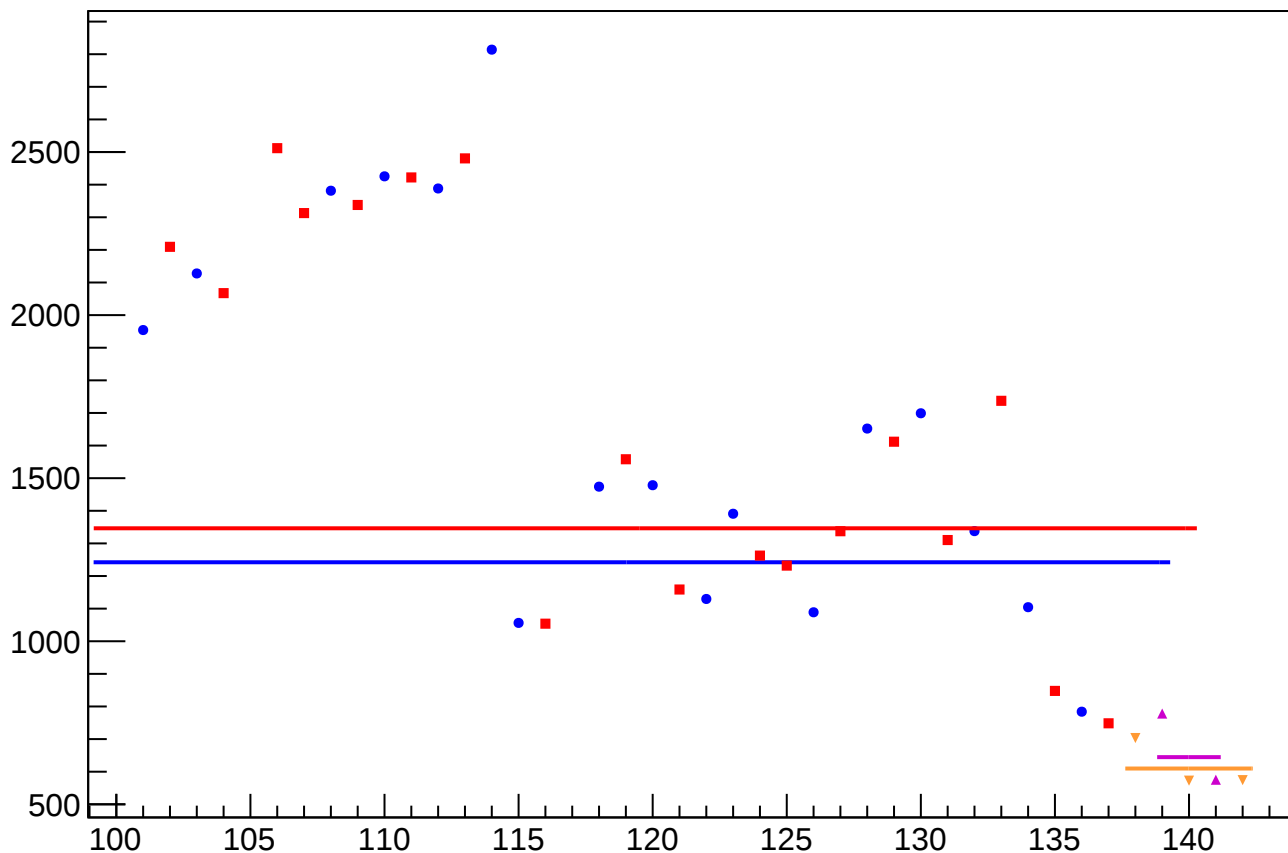
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -72.228+/-342.110 χ^2/NDF : 21.9/20

All: -222.014+/-248.942 χ^2/NDF : 42.6/39

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 609.741+/-0.311 χ^2/NDF : 35372.2/2

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 644.658+/-0.361 χ^2/NDF : 71137.5/1

Left: 624.641+/-0.236 χ^2/NDF : 111881.6/4

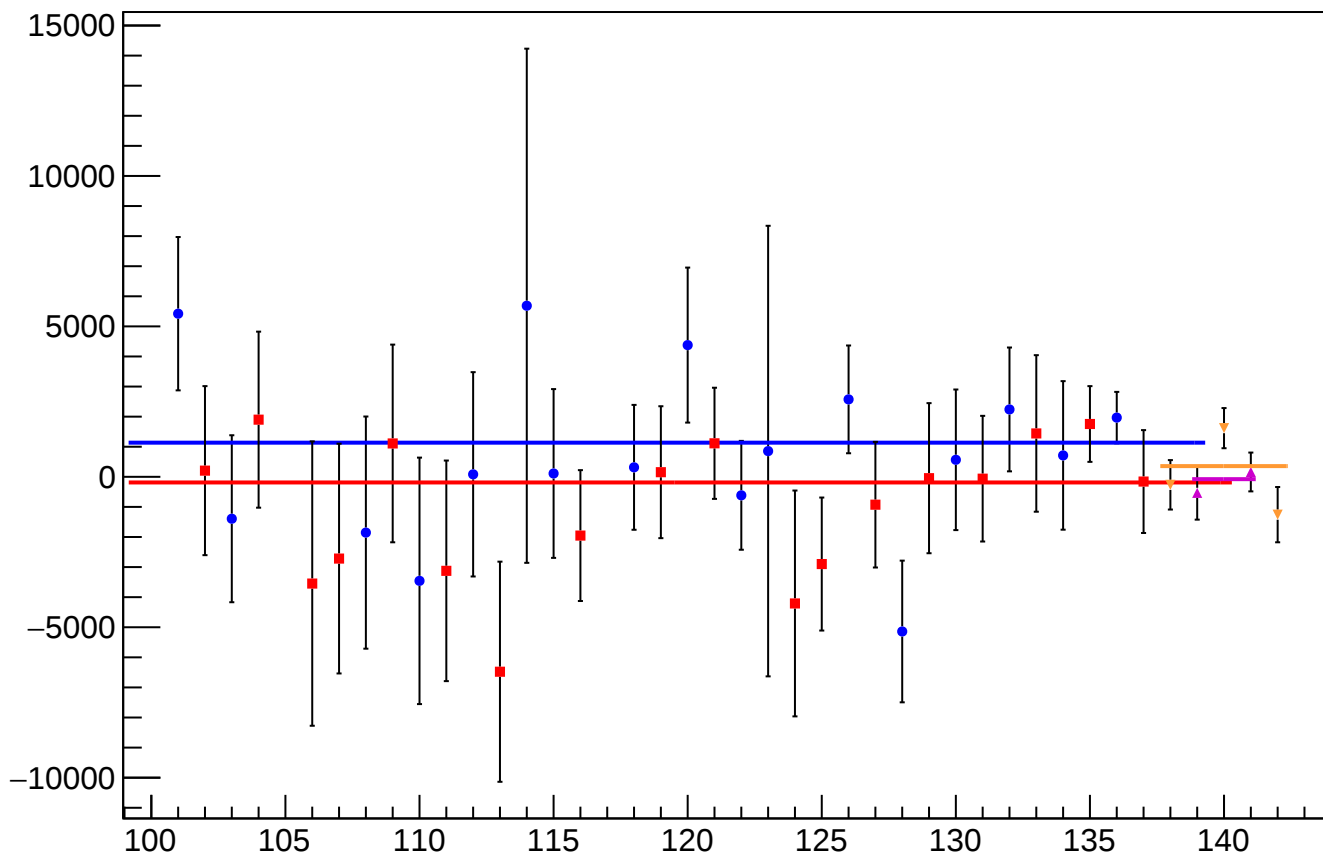
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 939.716+/-0.257 χ^2/NDF : 3193633.0/18

Out: 901.249+/-0.242 χ^2/NDF : 4061690.2/20

All: 919.348+/-0.176 χ^2/NDF : 7267219.7/39

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 355.963+/-451.211 χ^2/NDF : 7.2/2

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: -77.625+/-522.351 χ^2/NDF : 0.4/1

Left: 170.684+/-341.458 χ^2/NDF : 8.0/4

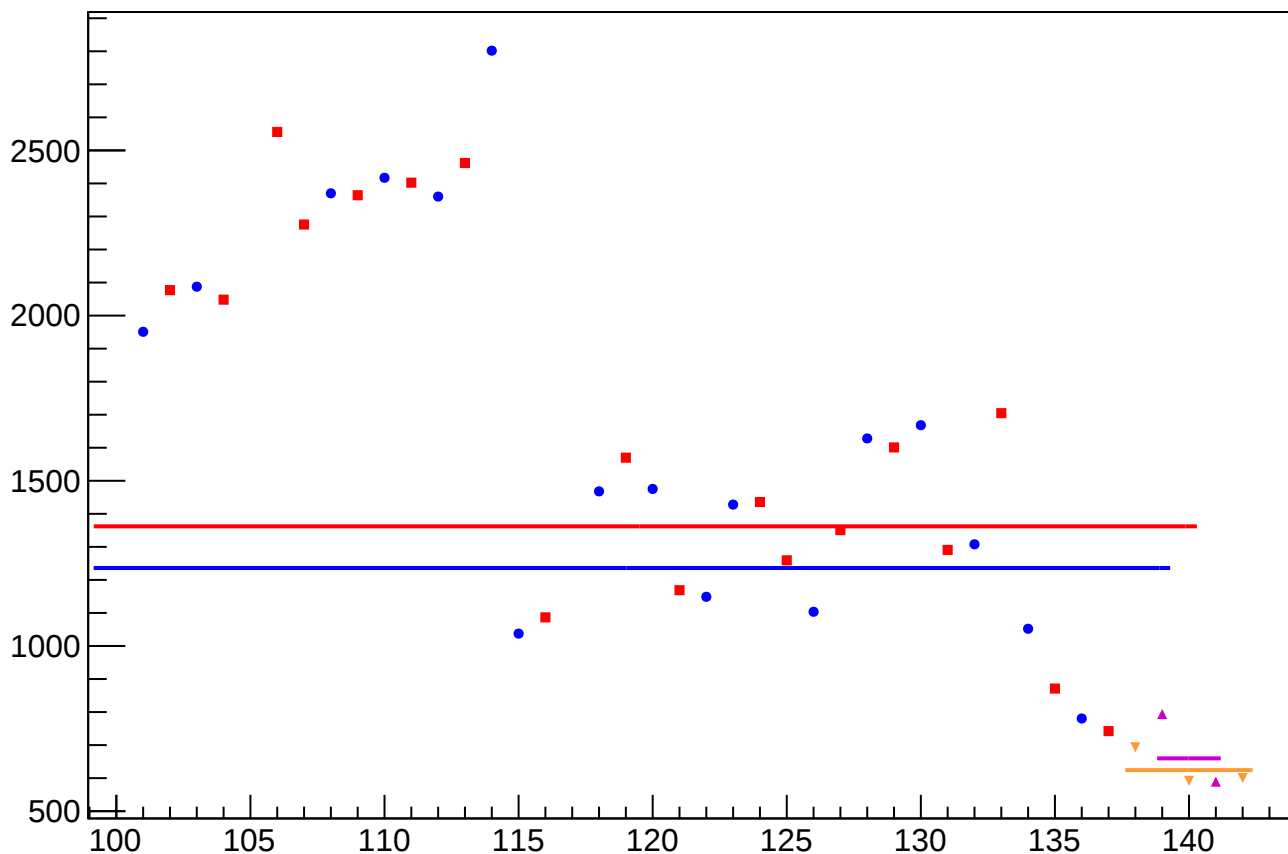
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 136.473+/-348.378 χ^2/NDF : 19.8/20

All: 327.581+/-252.434 χ^2/NDF : 41.3/39

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 624.358+/-0.319 χ^2/NDF : 20231.2/2

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 659.818+/-0.369 χ^2/NDF : 69328.8/1

Left: 639.511+/-0.241 χ^2/NDF : 94838.3/4

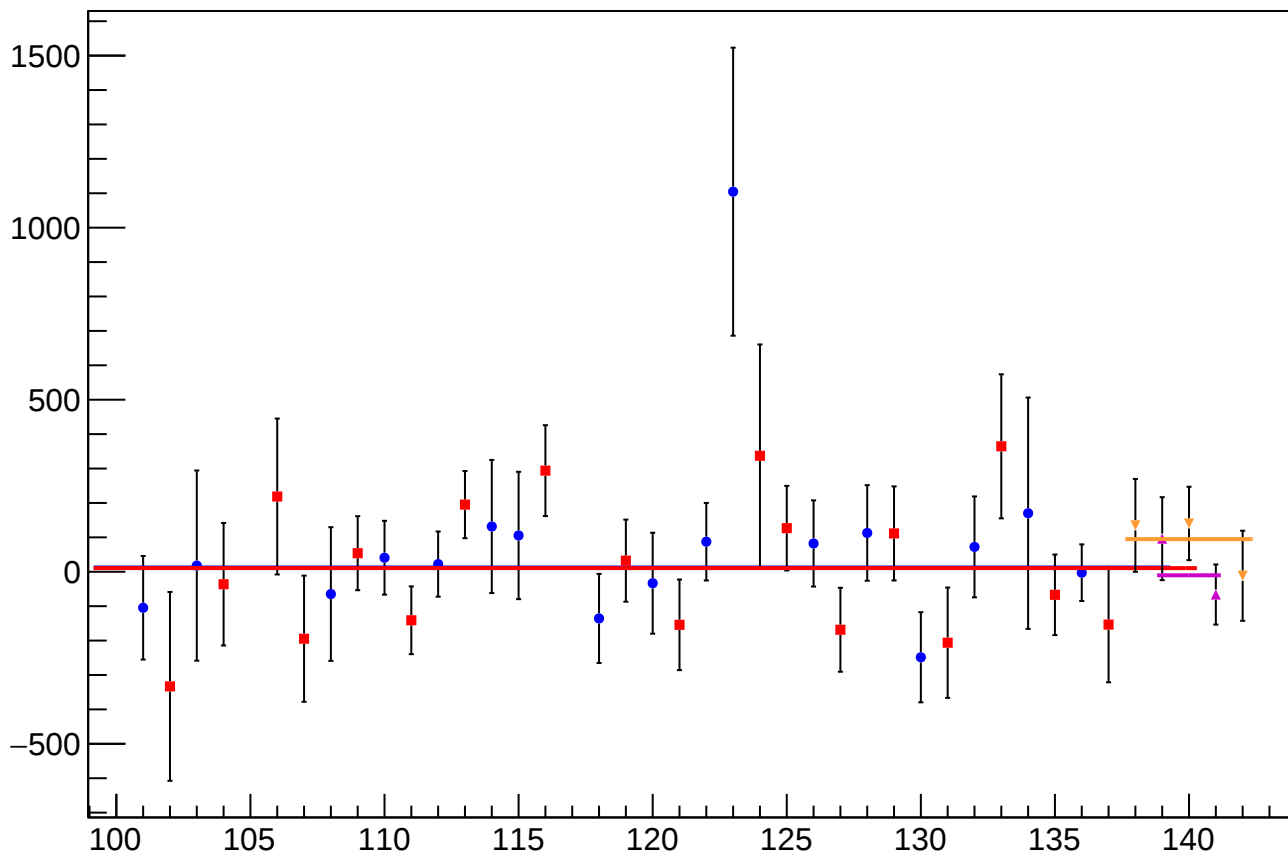
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 952.649+/-0.259 χ^2/NDF : 3051664.7/18

Out: 922.304+/-0.246 χ^2/NDF : 3888763.4/20

All: 936.717+/-0.178 χ^2/NDF : 6947635.1/39

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 94.868+/-70.493 χ^2/NDF : 0.9/2

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: -10.267+/-70.739 χ^2/NDF : 1.2/1

Left: 42.484+/-49.933 χ^2/NDF : 3.2/4

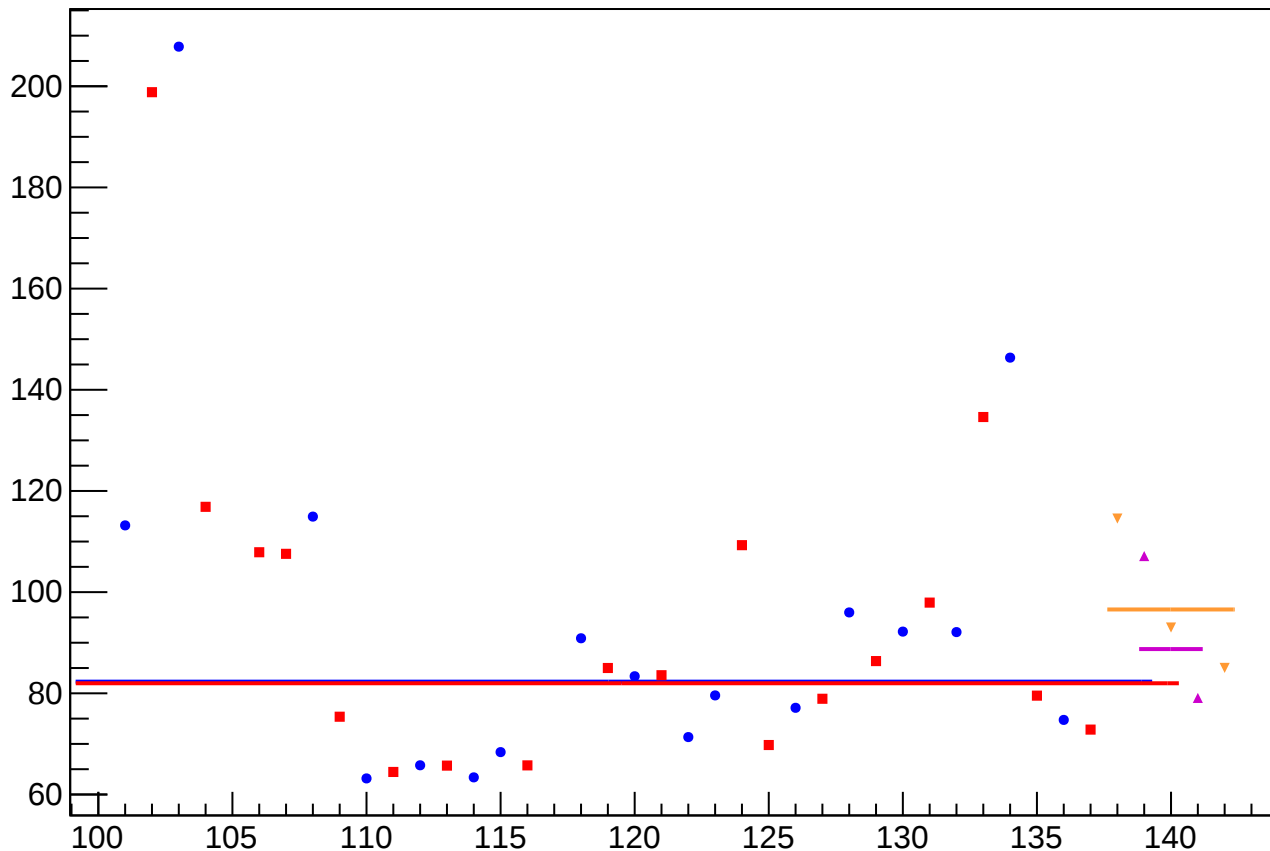
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 25.444+/-29.594 χ^2/NDF : 28.8/20

All: 16.975+/-21.094 χ^2/NDF : 45.6/39

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 96.574 $\pm$ 0.050 χ^2 /NDF: 53264.6/2

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 88.747 $\pm$ 0.050 χ^2 /NDF: 70936.8/1

Left: 92.674 $\pm$ 0.035 χ^2 /NDF: 136489.1/4

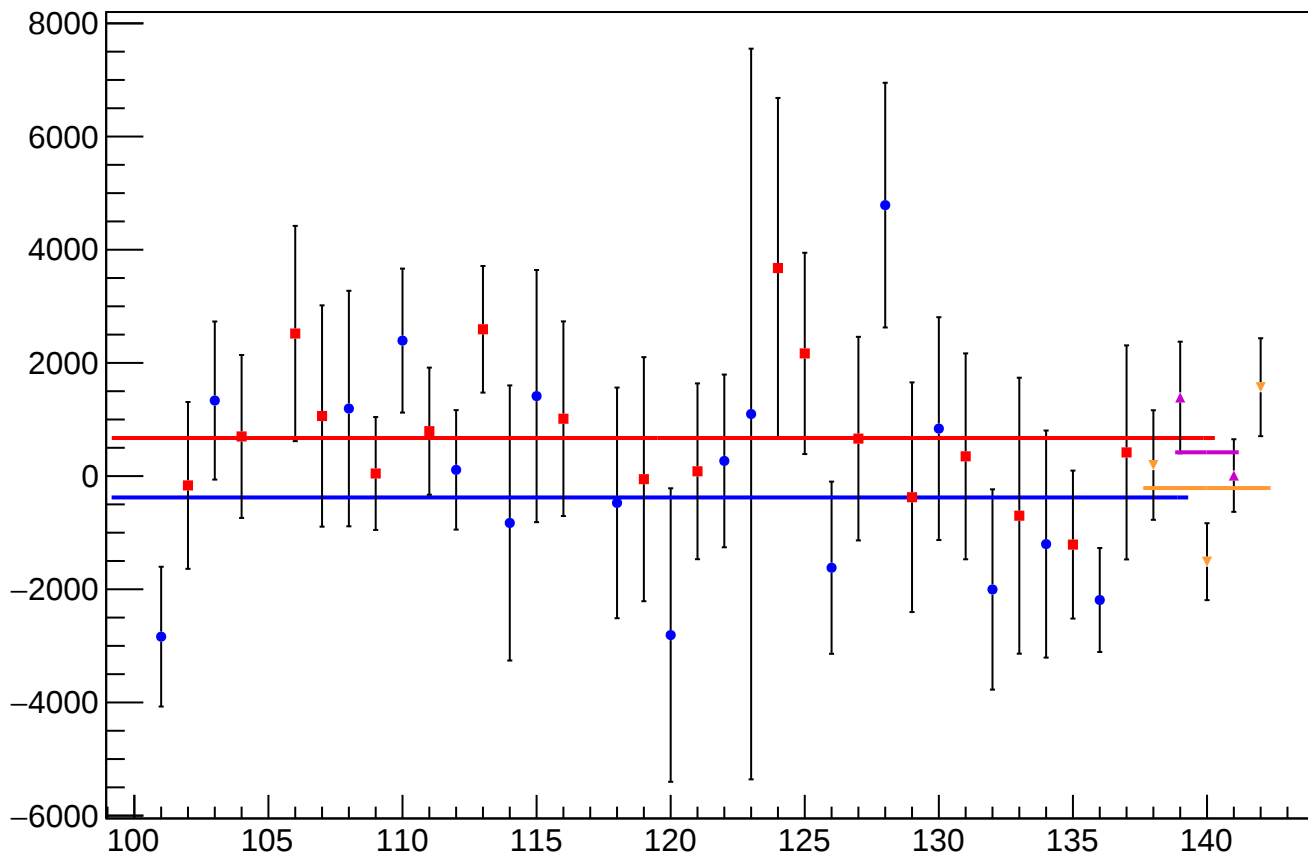
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 83.470 $\pm$ 0.021 χ^2 /NDF: 953262.8/18

Out: 84.558 $\pm$ 0.021 χ^2 /NDF: 977028.5/20

All: 84.023 $\pm$ 0.015 χ^2 /NDF: 1931621.4/39

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -211.533 ± 467.950 $\chi^2/\text{NDF}: 8.1/2$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 420.290 ± 537.736 $\chi^2/\text{NDF}: 1.4/1$

Left: 60.745 ± 353.003 $\chi^2/\text{NDF}: 10.2/4$

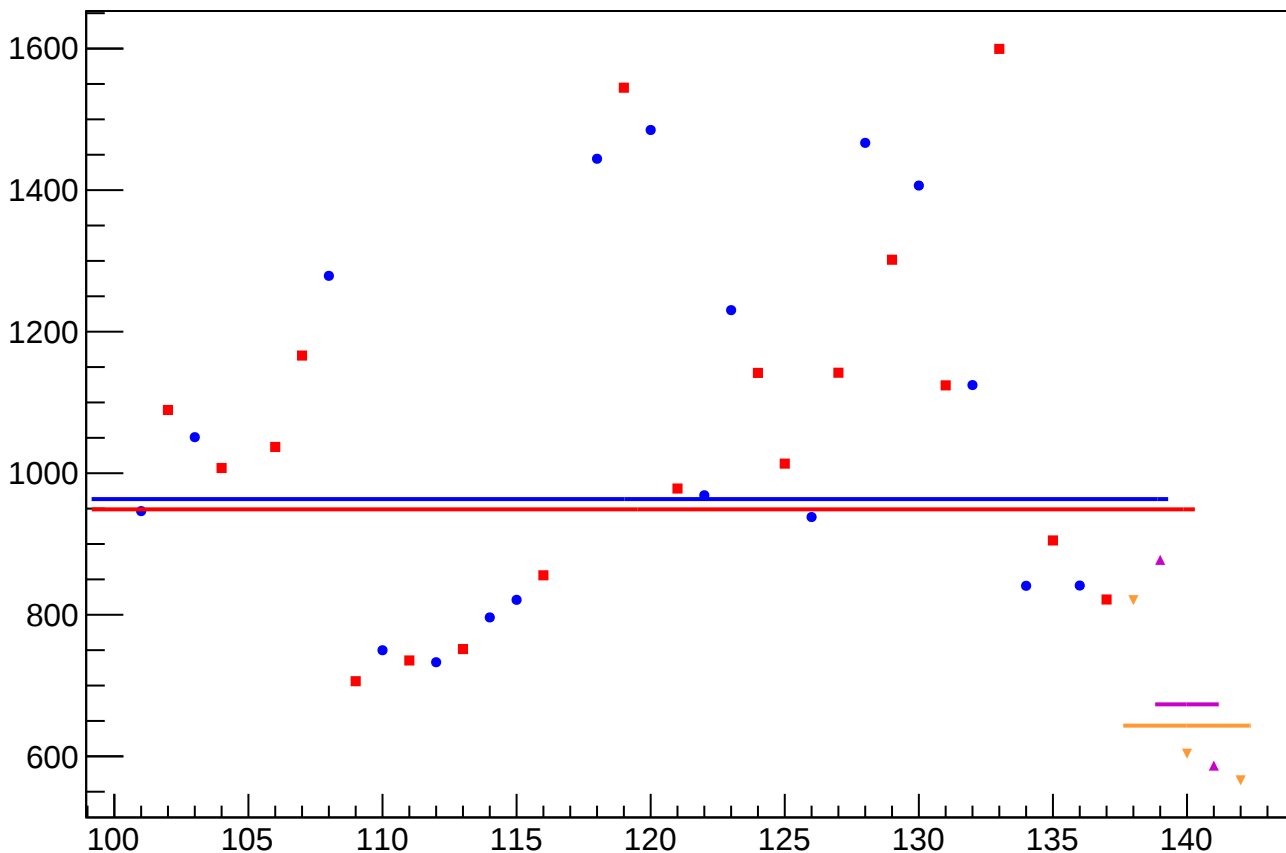
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -108.050 ± 312.445 $\chi^2/\text{NDF}: 27.3/18$

Out: 334.413 ± 289.570 $\chi^2/\text{NDF}: 19.7/20$

All: 129.969 ± 212.384 $\chi^2/\text{NDF}: 48.0/39$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 643.369+/-0.331 χ^2/NDF : 89842.1/2

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 673.419+/-0.380 χ^2/NDF : 122187.9/1

Left: 656.319+/-0.250 χ^2/NDF : 215584.2/4

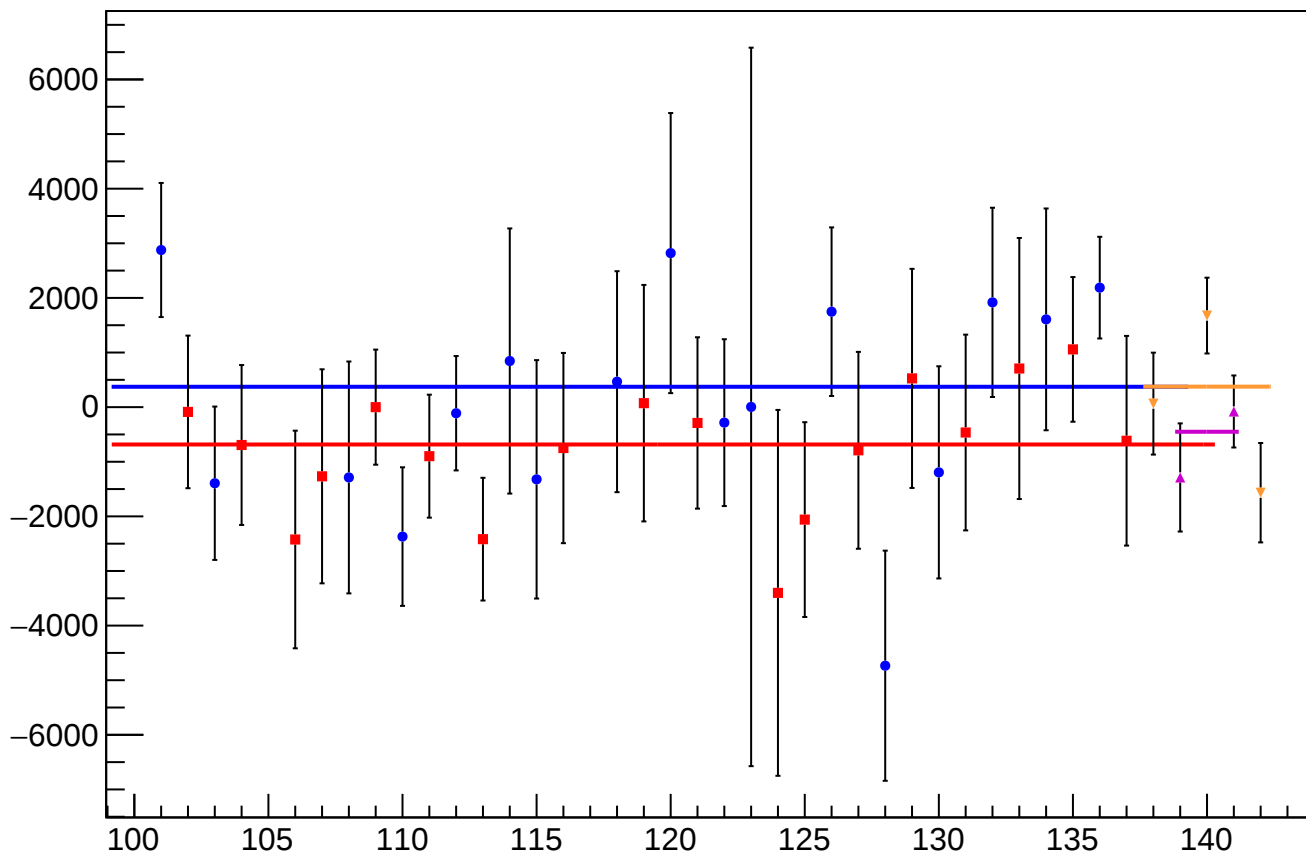
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 831.935+/-0.205 χ^2/NDF : 1345500.0/20

All: 847.466+/-0.150 χ^2/NDF : 2554449.7/39

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 375.401+/-475.007 χ^2/NDF : 8.2/2

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: -450.741+/-548.907 χ^2/NDF : 1.0/1

Left: 21.648+/-359.188 χ^2/NDF : 10.5/4

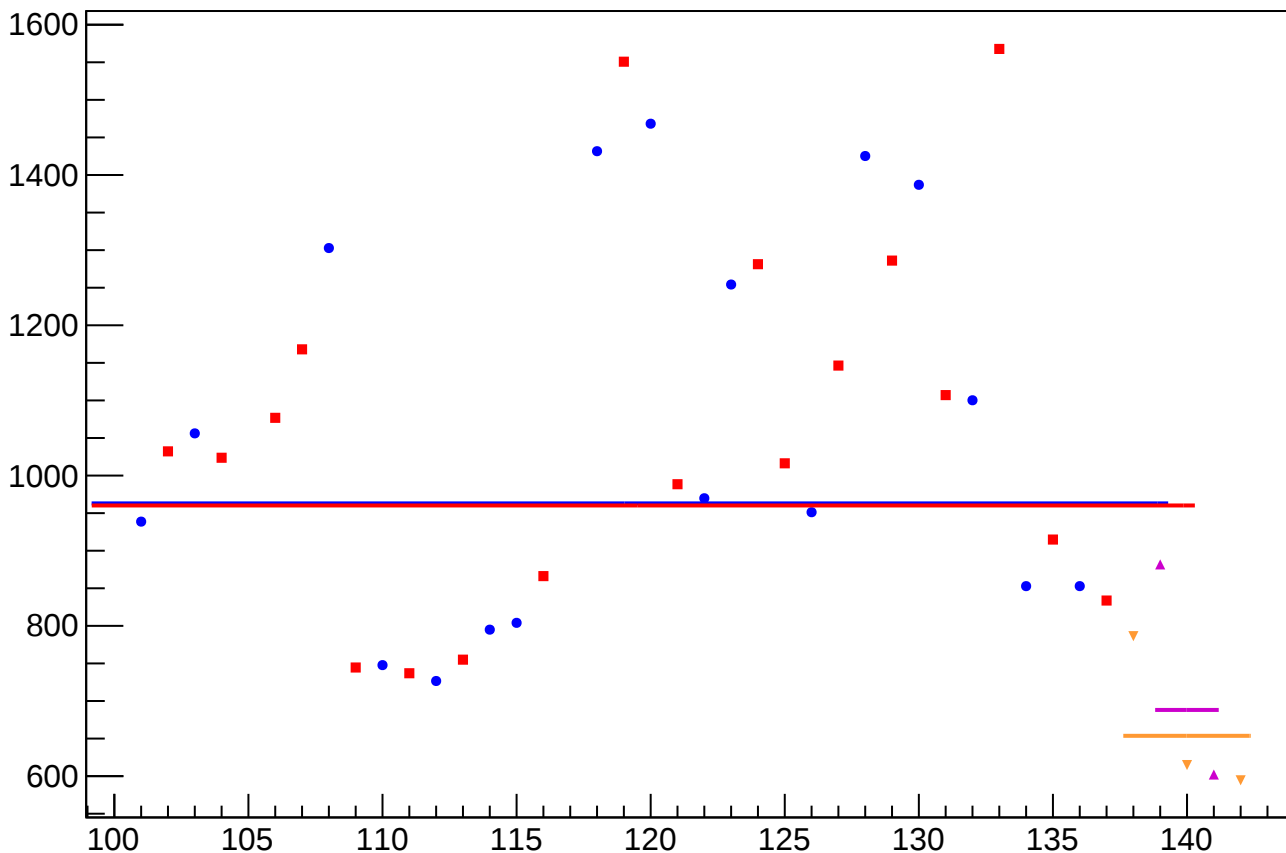
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 102.579+/-314.462 χ^2/NDF : 27.8/18

Out: -280.458+/-293.079 χ^2/NDF : 19.0/20

All: -102.404+/-214.399 χ^2/NDF : 47.6/39

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 653.667+/-0.336 χ^2/NDF : 55137.0/2

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 688.107+/-0.388 χ^2/NDF : 110495.6/1

Left: 668.414+/-0.254 χ^2/NDF : 170134.8/4

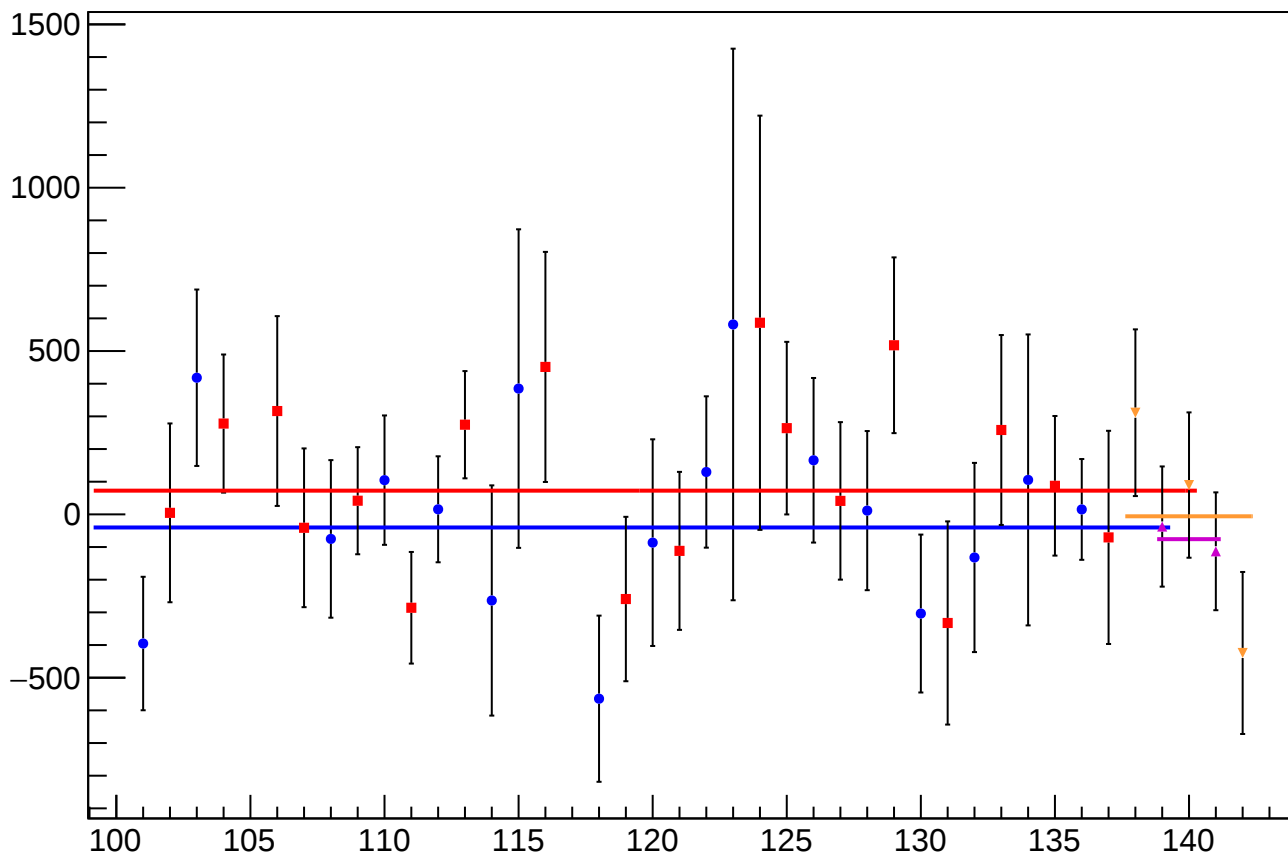
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 872.761+/-0.222 χ^2/NDF : 1114920.3/18

Out: 843.517+/-0.207 χ^2/NDF : 1242021.7/20

All: 857.111+/-0.152 χ^2/NDF : 2366198.2/39

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: -5.897 ± 138.907 χ^2/NDF : 4.6/2

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: -75.893 ± 128.796 χ^2/NDF : 0.1/1

Left: -43.535 ± 94.445 χ^2/NDF : 4.8/4

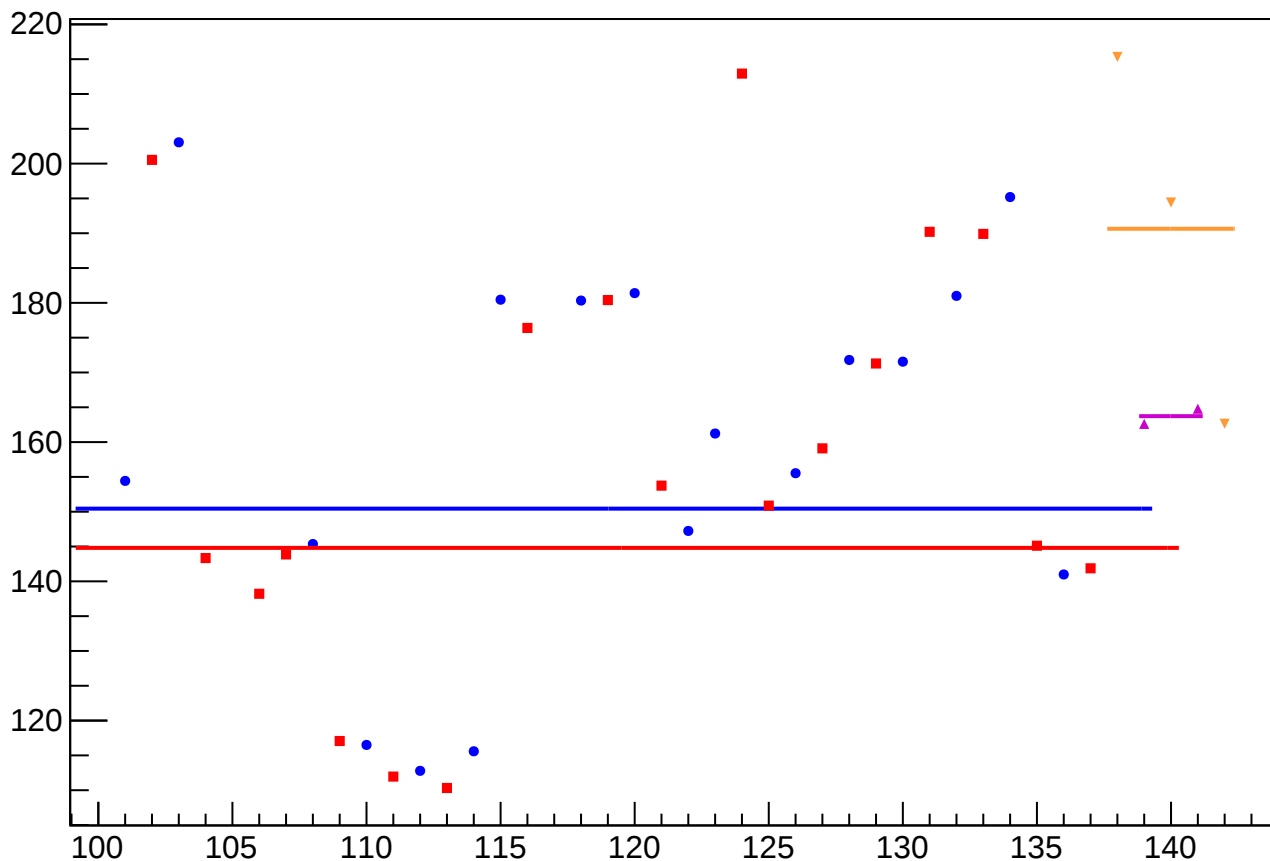
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 61.526 ± 52.188 χ^2/NDF : 22.4/20

All: 9.250 ± 37.470 χ^2/NDF : 40.0/39

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 190.641 $\pm$ 0.098 χ^2 /NDF:44792.9/2

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 163.726 $\pm$ 0.091 χ^2 /NDF:142.6/1

Left: 176.169 $\pm$ 0.067 χ^2 /NDF: 85310.3/4

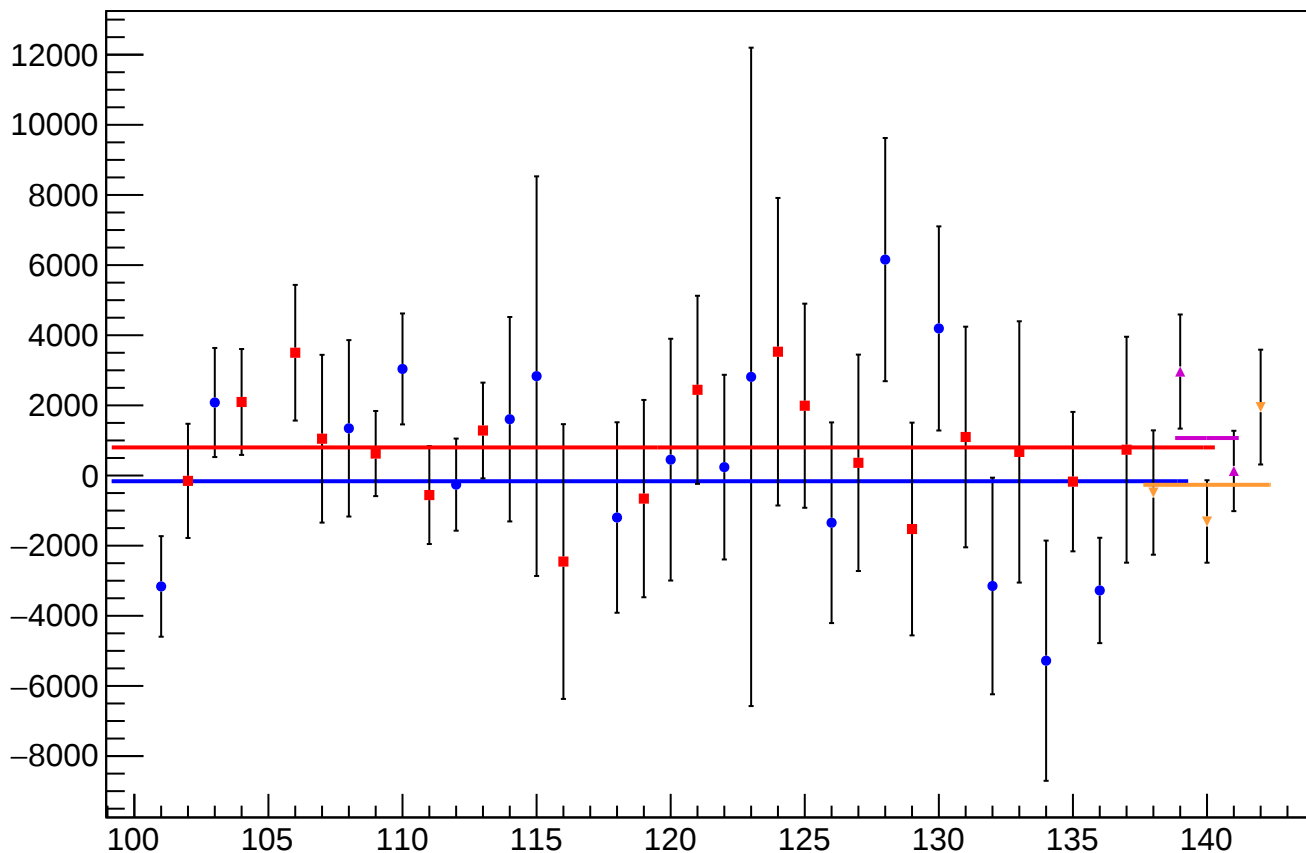
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 152.762 $\pm$ 0.038 χ^2 /NDF:417824.7/18

Out: 151.277 $\pm$ 0.037 χ^2 /NDF:735668.6/20

All: 151.997 $\pm$ 0.026 χ^2 /NDF: 1154278.7/39

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -264.871+/-840.721 χ^2/NDF : 2.6/2

Right Out: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 1068.985+/-936.646 χ^2/NDF : 2.0/1

Left: 330.278+/-625.653 χ^2/NDF : 5.8/4

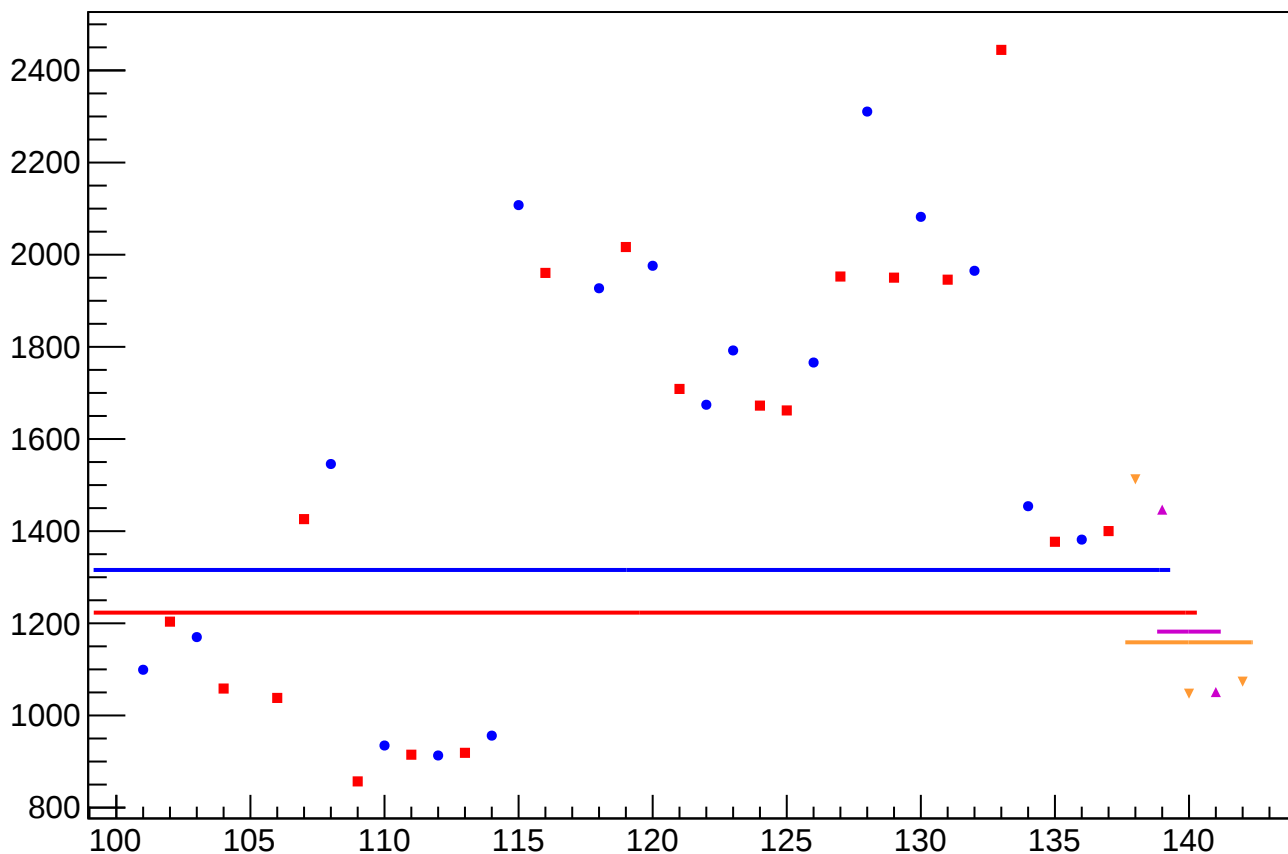
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 533.632+/-421.152 χ^2/NDF : 10.7/20

All: 354.941+/-311.654 χ^2/NDF : 39.5/39

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1158.756+/-0.594 χ^2/NDF : 103038.7/2

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1181.978+/-0.662 χ^2/NDF : 79169.1/1

Left: 1169.118+/-0.442 χ^2/NDF : 182888.6/4

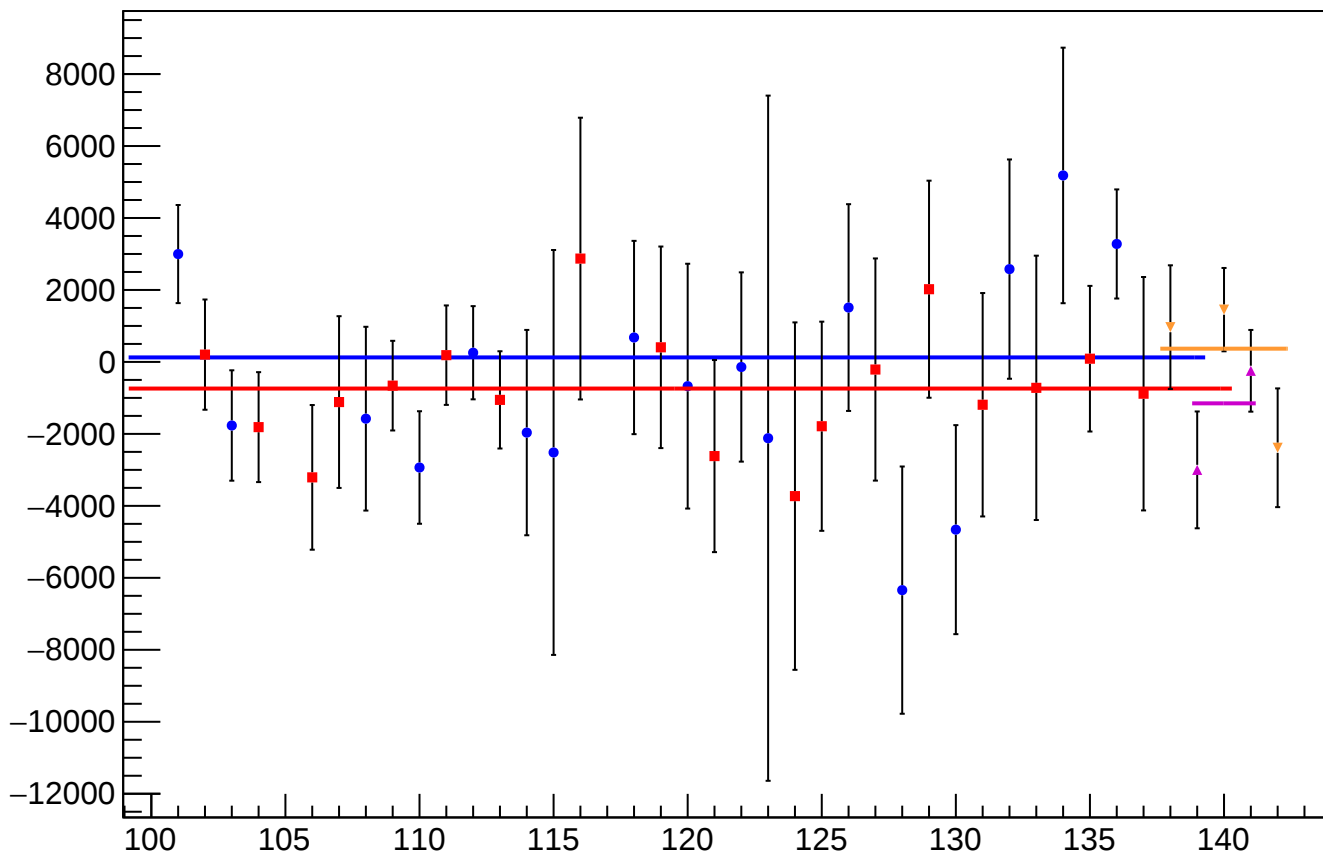
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1283.039+/-0.328 χ^2/NDF : 1228343.1/18

Out: 1207.012+/-0.298 χ^2/NDF : 1474890.3/20

All: 1241.406+/-0.220 χ^2/NDF : 2732718.3/39

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 368.233 $\pm$ 830.004 χ^2 /NDF:3.8/2

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -1151.168 $\pm$ 930.461 χ^2 /NDF:1.9/1

Left: -305.048 $\pm$ 619.384 χ^2 /NDF: 7.2/4

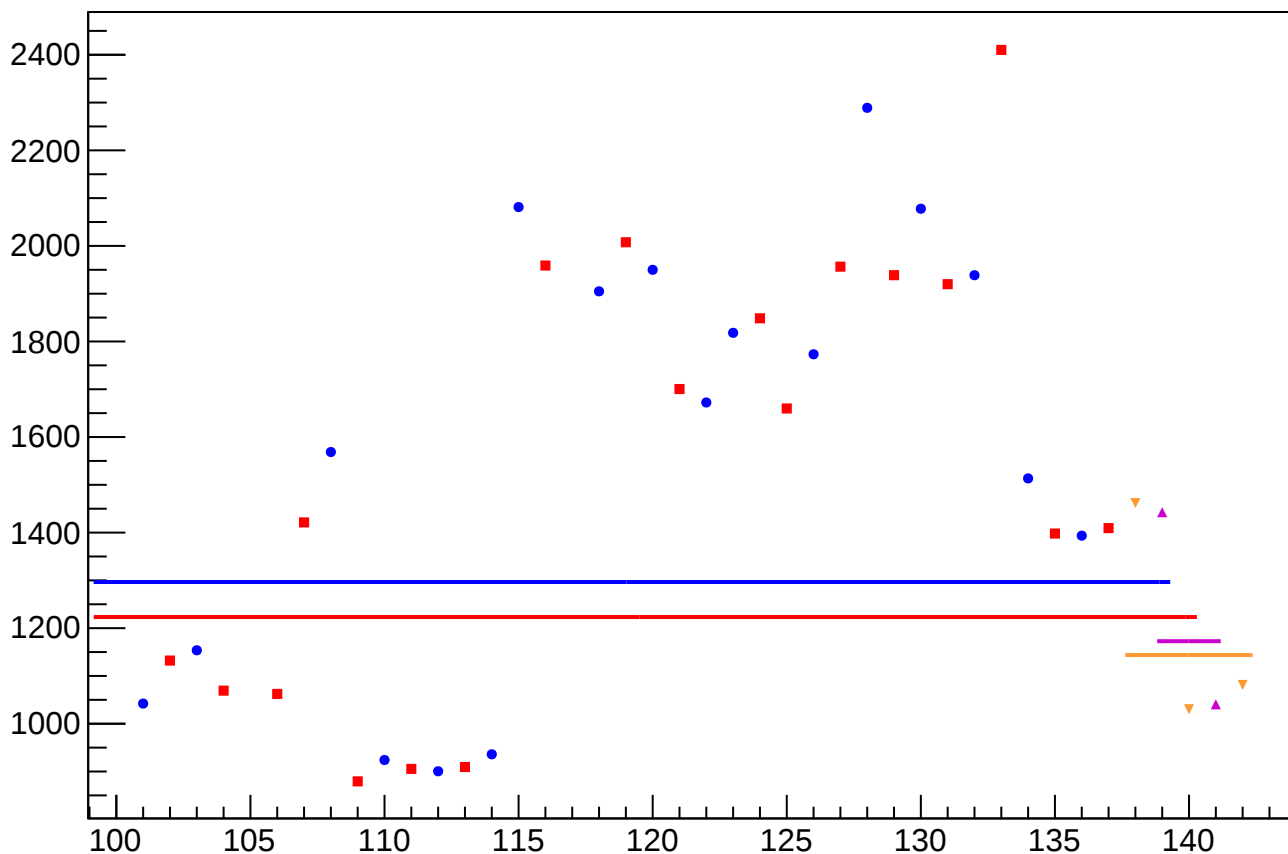
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -184.492 $\pm$ 458.426 χ^2 /NDF:28.0/18

Out: -456.313 $\pm$ 419.912 χ^2 /NDF:11.1/20

All: -332.299 $\pm$ 309.645 χ^2 /NDF: 39.3/39

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1143.749+/-0.587 χ^2/NDF : 90543.7/2

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1172.744+/-0.658 χ^2/NDF : 82357.7/1

Left: 1156.597+/-0.438 χ^2/NDF : 173982.8/4

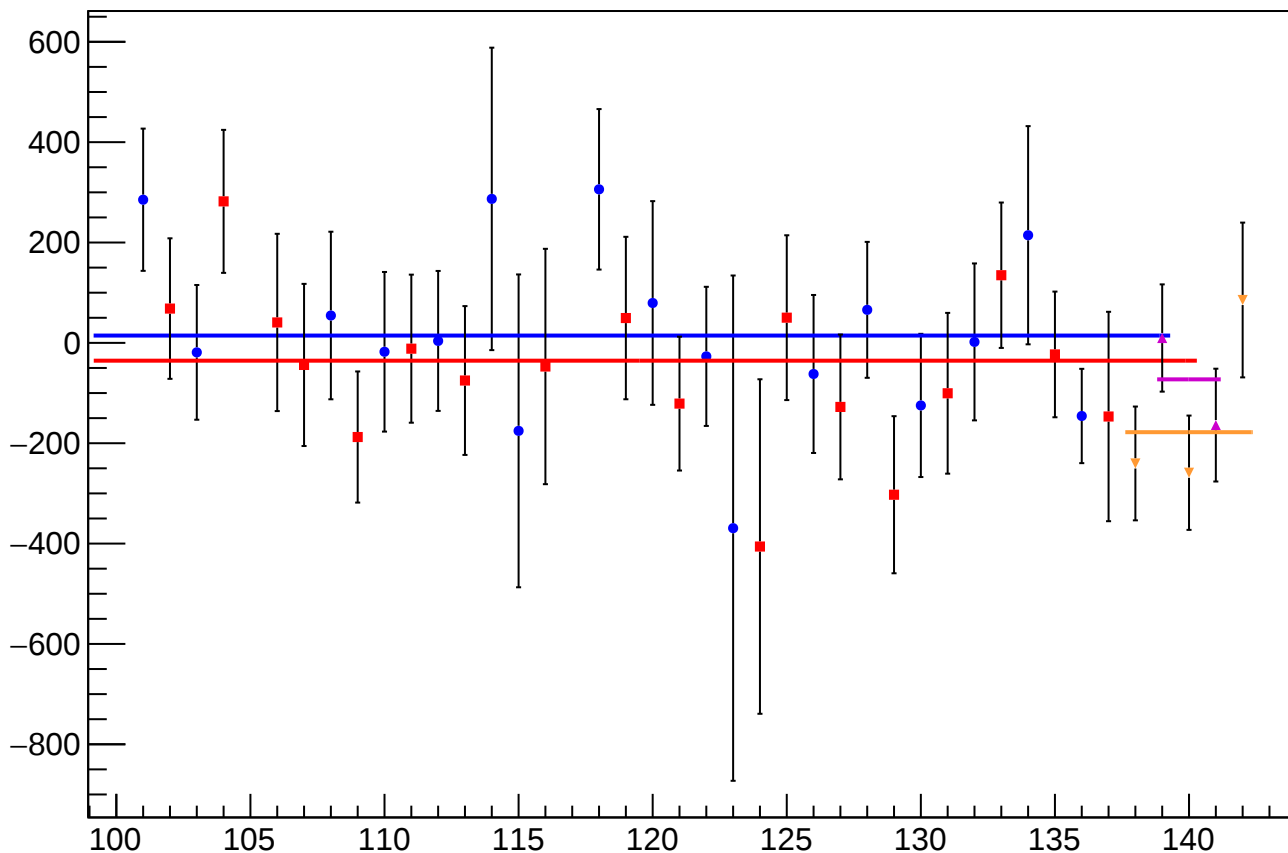
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1266.515+/-0.324 χ^2/NDF : 1284647.1/18

Out: 1202.920+/-0.297 χ^2/NDF : 1450893.9/20

All: 1231.934+/-0.219 χ^2/NDF : 2756470.1/39

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -177.978 ± 71.270 $\chi^2/\text{NDF}: 3.7/2$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -72.713 ± 77.453 $\chi^2/\text{NDF}: 1.3/1$

Left: -129.714 ± 52.446 $\chi^2/\text{NDF}: 6.0/4$

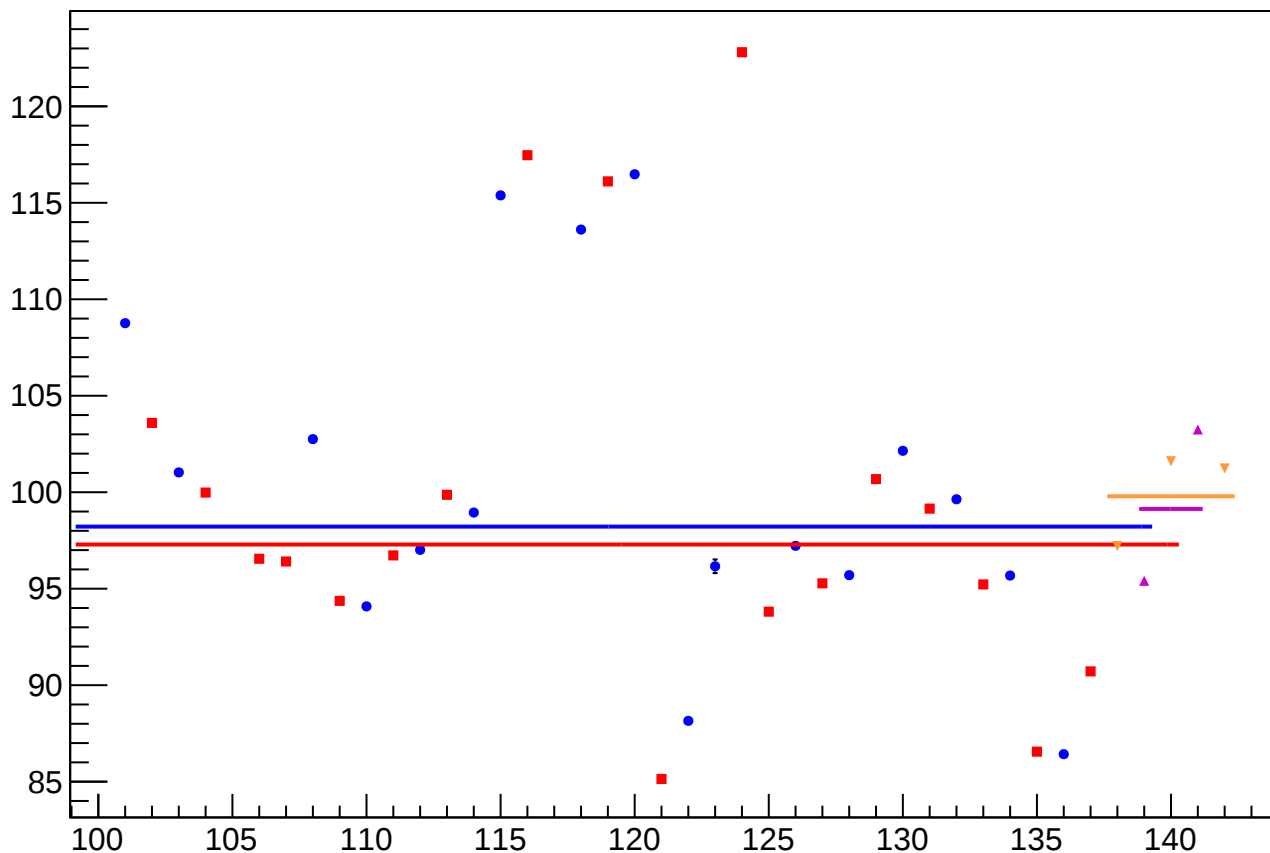
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -2.370 ± 34.127 $\chi^2/\text{NDF}: 16.5/18$

Out: -65.378 ± 32.648 $\chi^2/\text{NDF}: 21.4/20$

All: -35.269 ± 23.591 $\chi^2/\text{NDF}: 39.6/39$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 99.790+/-0.050 χ^2/NDF : 1716.7/2

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 99.134+/-0.055 χ^2/NDF : 5113.9/1

Left: 99.489+/-0.037 χ^2/NDF : 6908.2/4

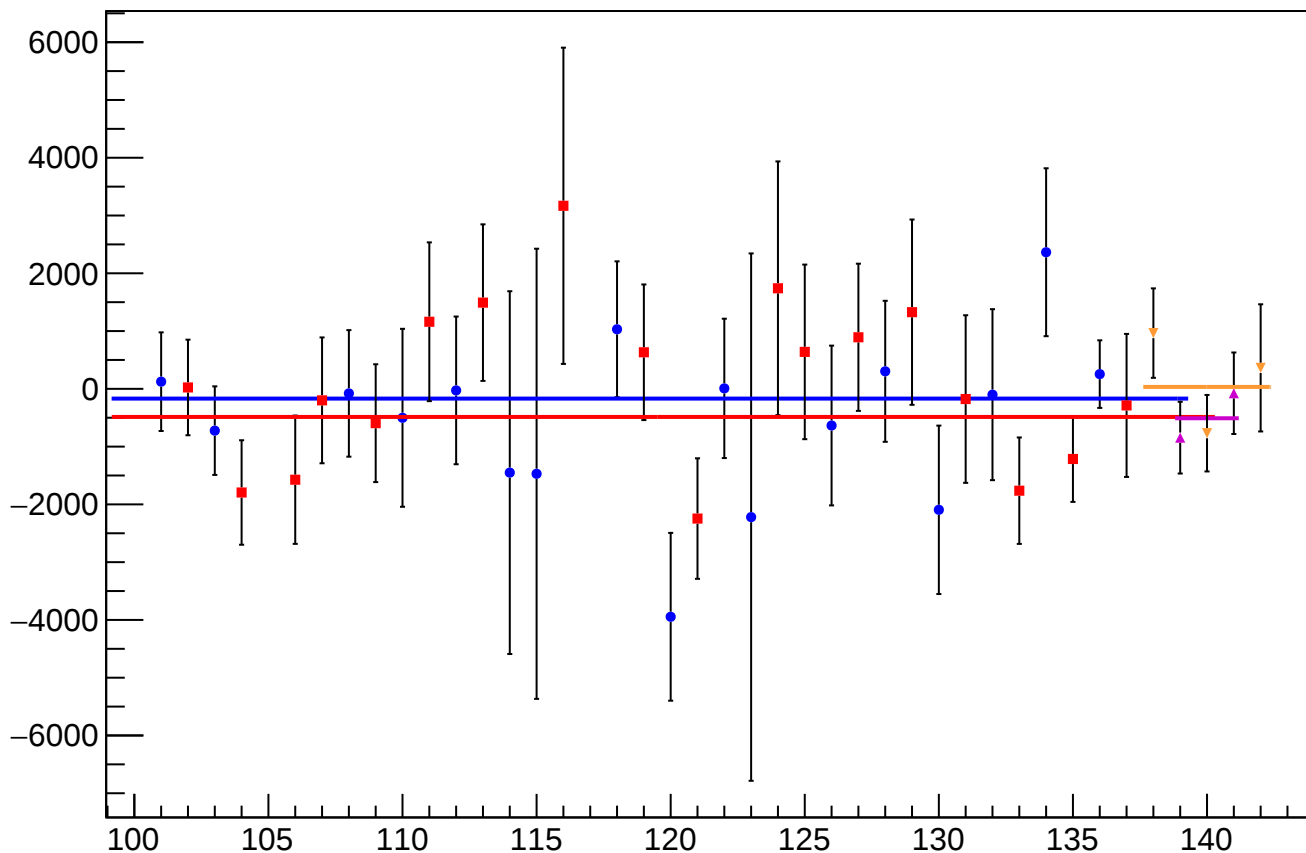
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 98.397+/-0.024 χ^2/NDF : 105849.2/18

Out: 97.815+/-0.023 χ^2/NDF : 99876.6/20

All: 98.093+/-0.017 χ^2/NDF : 206029.4/39

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 33.106 ± 457.599 χ^2/NDF : 3.0/2

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -509.272 ± 466.195 χ^2/NDF : 0.7/1

Left: -233.036 ± 326.568 χ^2/NDF : 4.4/4

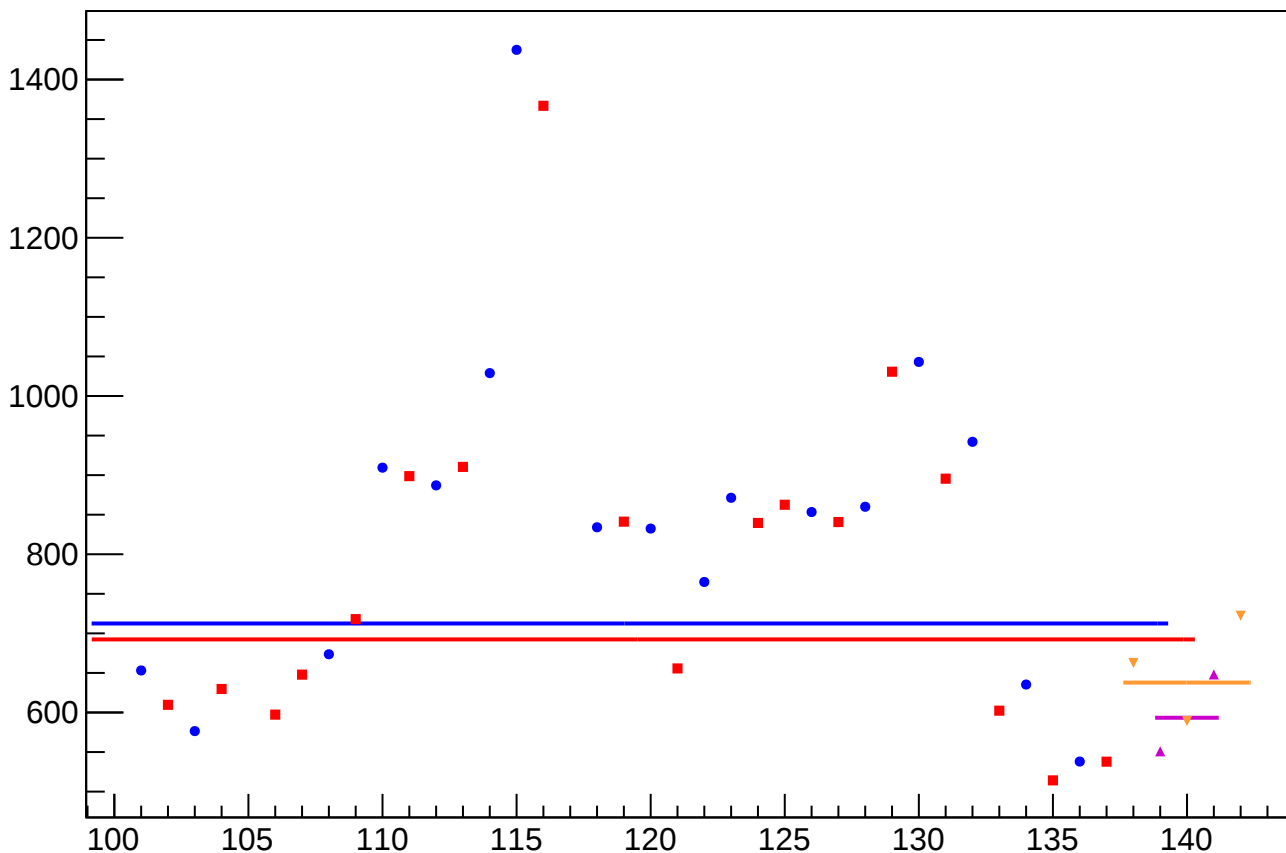
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -260.092 ± 241.402 χ^2/NDF : 15.6/18

Out: -353.645 ± 231.264 χ^2/NDF : 23.6/20

All: -308.874 ± 166.997 χ^2/NDF : 39.3/39

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 637.801+/-0.324 χ^2/NDF : 24649.7/2

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 593.360+/-0.330 χ^2/NDF : 21346.9/1

Left: 615.994+/-0.231 χ^2/NDF : 55252.8/4

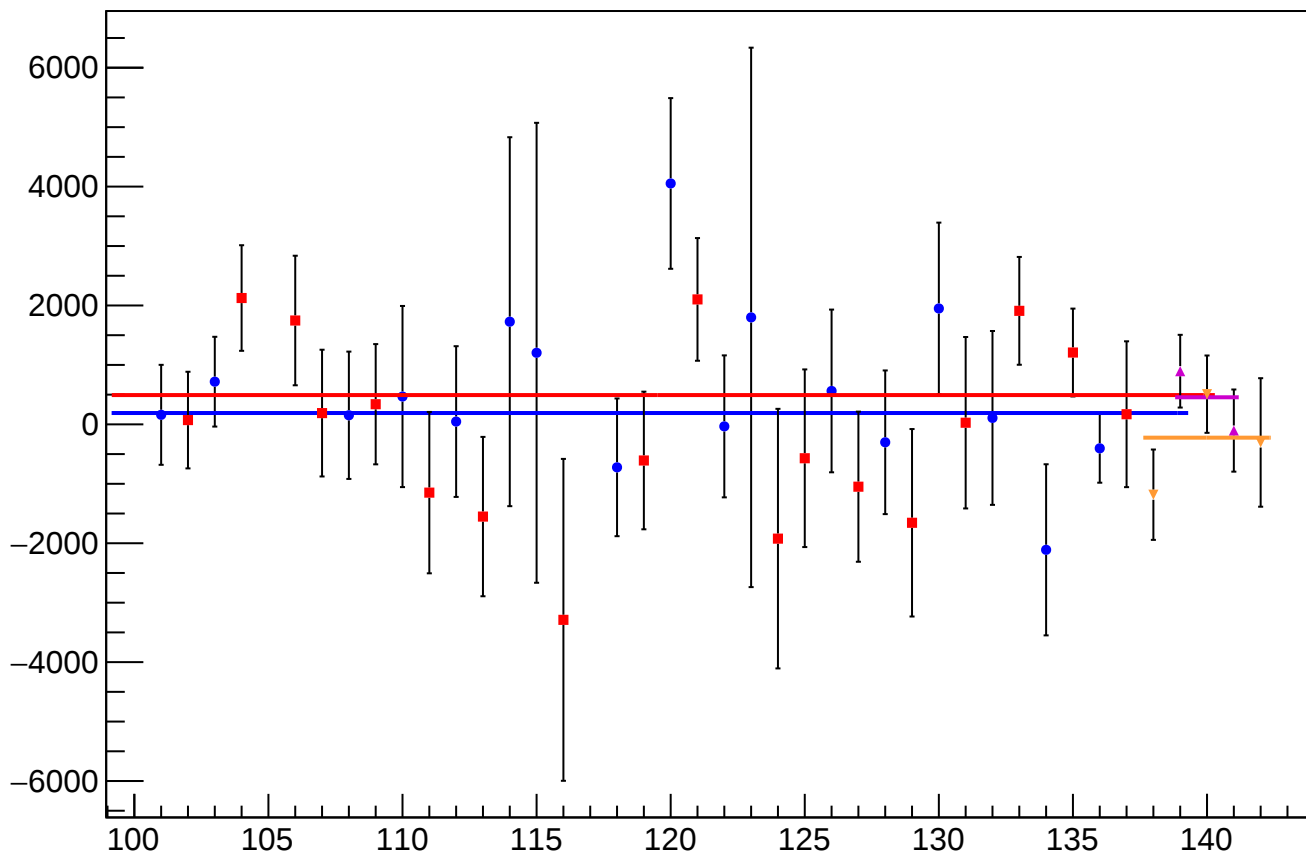
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.537+/-0.171 χ^2/NDF : 777425.4/18

Out: 678.411+/-0.164 χ^2/NDF : 702758.4/20

All: 679.429+/-0.118 χ^2/NDF : 1480264.7/39

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -223.951+/-449.425 χ^2/NDF : 2.9/2

Right Out: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 455.557+/-458.078 χ^2/NDF : 1.2/1

Left: 109.325+/-320.807 χ^2/NDF : 5.2/4

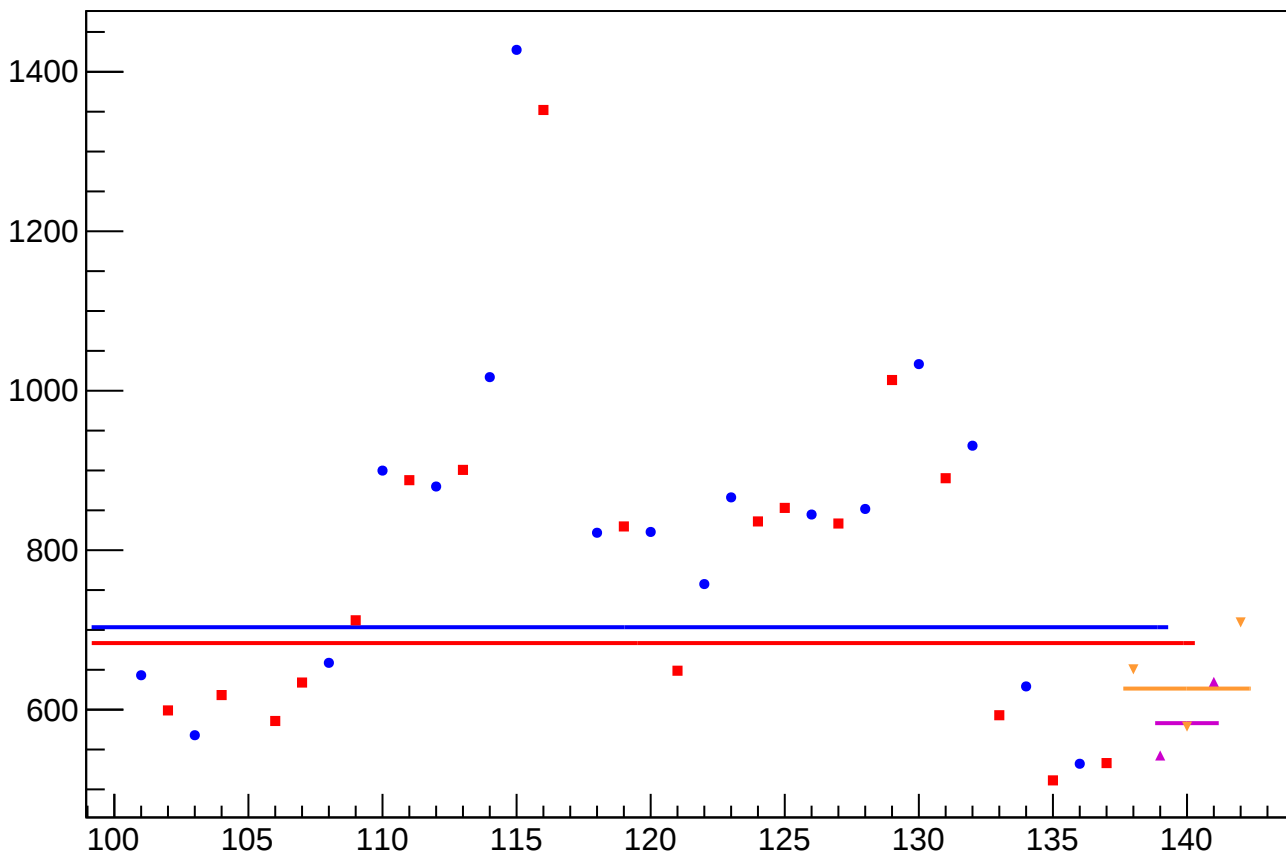
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 262.374+/-238.076 χ^2/NDF : 15.6/18

Out: 308.263+/-228.035 χ^2/NDF : 27.5/20

All: 286.306+/-164.681 χ^2/NDF : 43.2/39

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 626.432 $\pm$ 0.318 χ^2/NDF : 24565.1/2

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 583.070 $\pm$ 0.324 χ^2/NDF : 20007.9/1

Left: 605.164 $\pm$ 0.227 χ^2/NDF : 53704.4/4

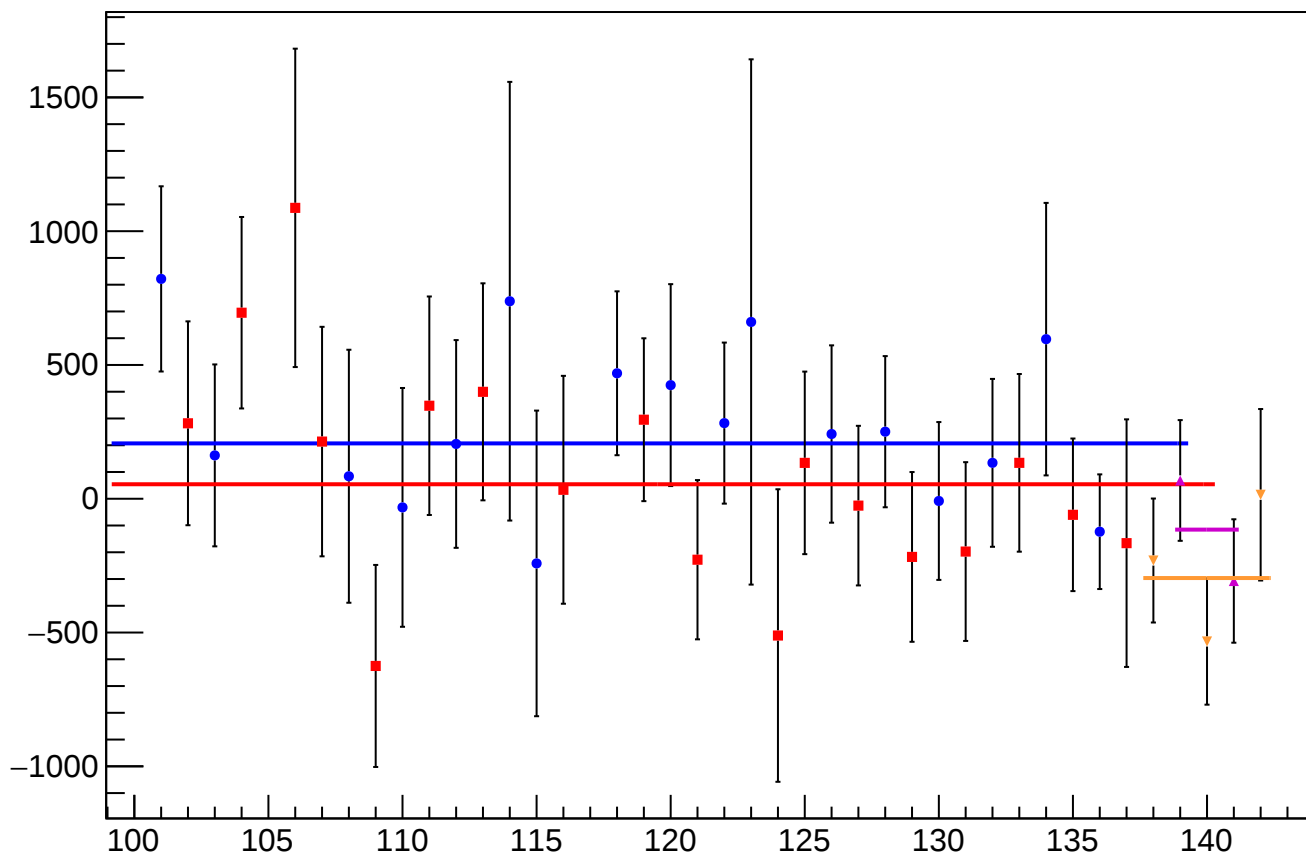
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 670.901 $\pm$ 0.168 χ^2/NDF : 787632.2/18

Out: 668.803 $\pm$ 0.161 χ^2/NDF : 707860.9/20

All: 669.807 $\pm$ 0.116 χ^2/NDF : 1495574.1/39

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -296.342 $\pm$ 146.964 χ^2 /NDF:2.0/2

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -115.362 $\pm$ 161.275 χ^2 /NDF:1.4/1

Left: -214.237 $\pm$ 108.627 χ^2 /NDF: 4.1/4

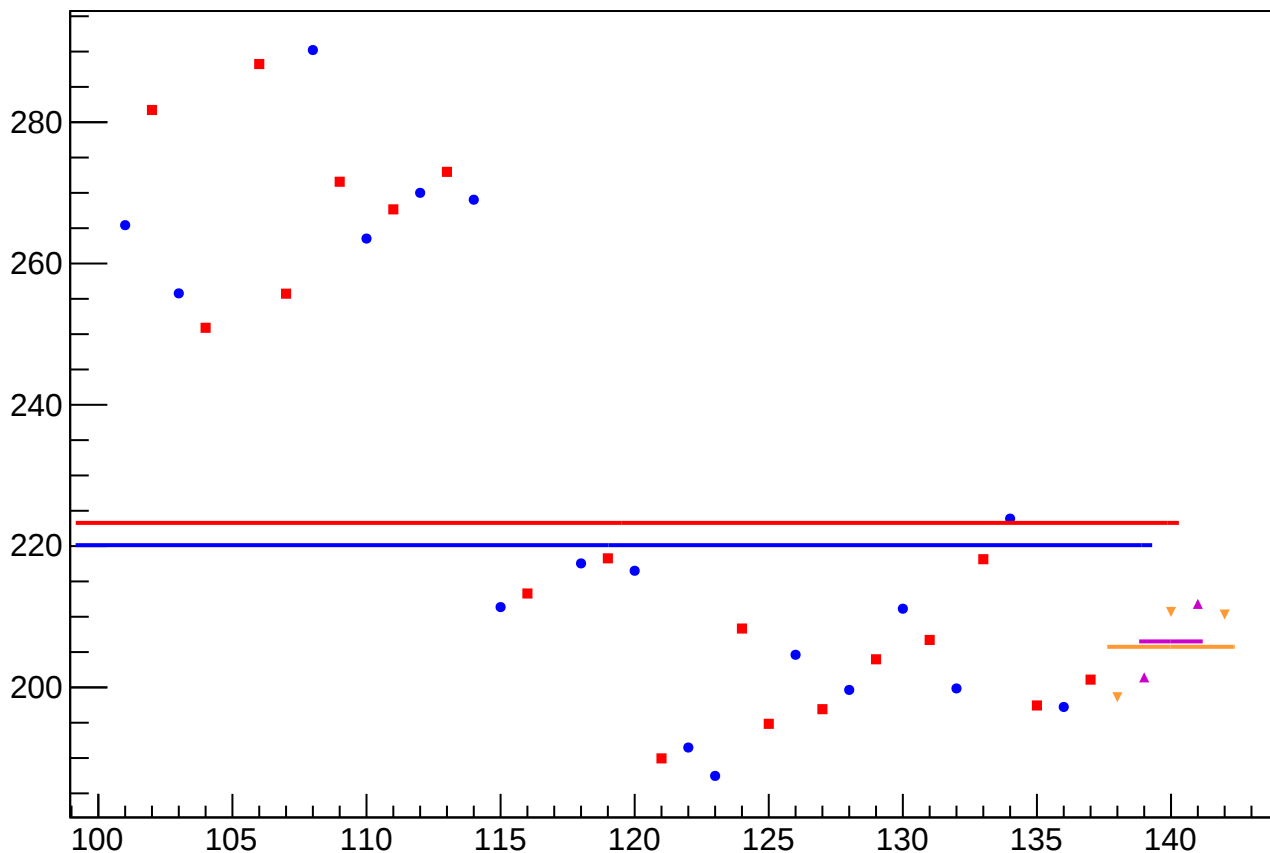
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 136.006 $\pm$ 75.631 χ^2 /NDF:14.0/18

Out: -33.978 $\pm$ 73.704 χ^2 /NDF:22.0/20

All: 48.821 $\pm$ 52.785 χ^2 /NDF: 38.5/39

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 205.744+/-0.104 χ^2/NDF : 3176.2/2

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 206.508+/-0.114 χ^2/NDF : 2079.0/1

Left: 206.091+/-0.077 χ^2/NDF : 5279.7/4

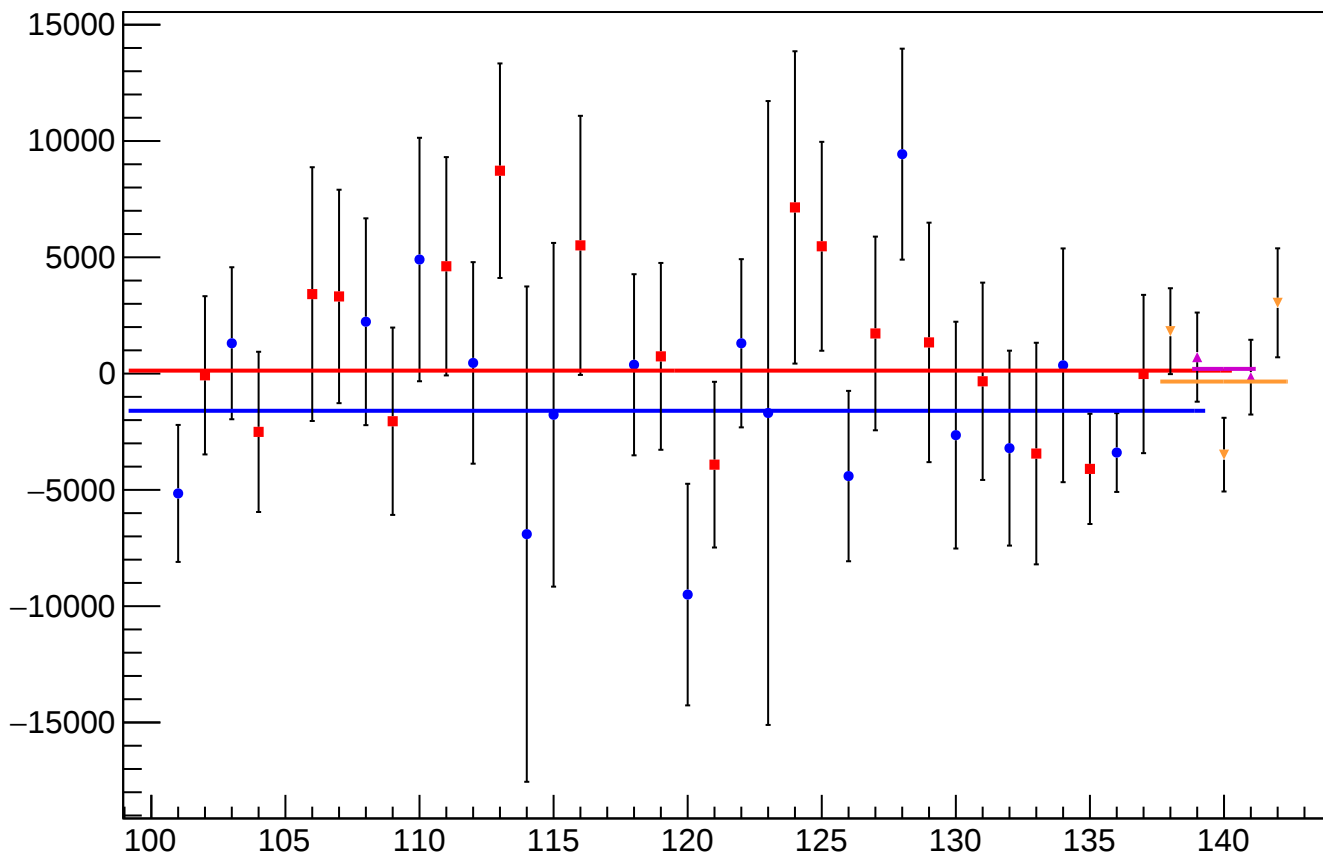
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 217.136+/-0.053 χ^2/NDF : 241657.5/18

Out: 218.875+/-0.052 χ^2/NDF : 296762.0/20

All: 218.028+/-0.037 χ^2/NDF : 538961.7/39

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -341.854 $\pm$ 1069.772 χ^2 /NDF: 7.4/2

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: 202.096 $\pm$ 1231.415 χ^2 /NDF: 0.1/1

Left: -107.900 $\pm$ 807.588 χ^2 /NDF: 7.6/4

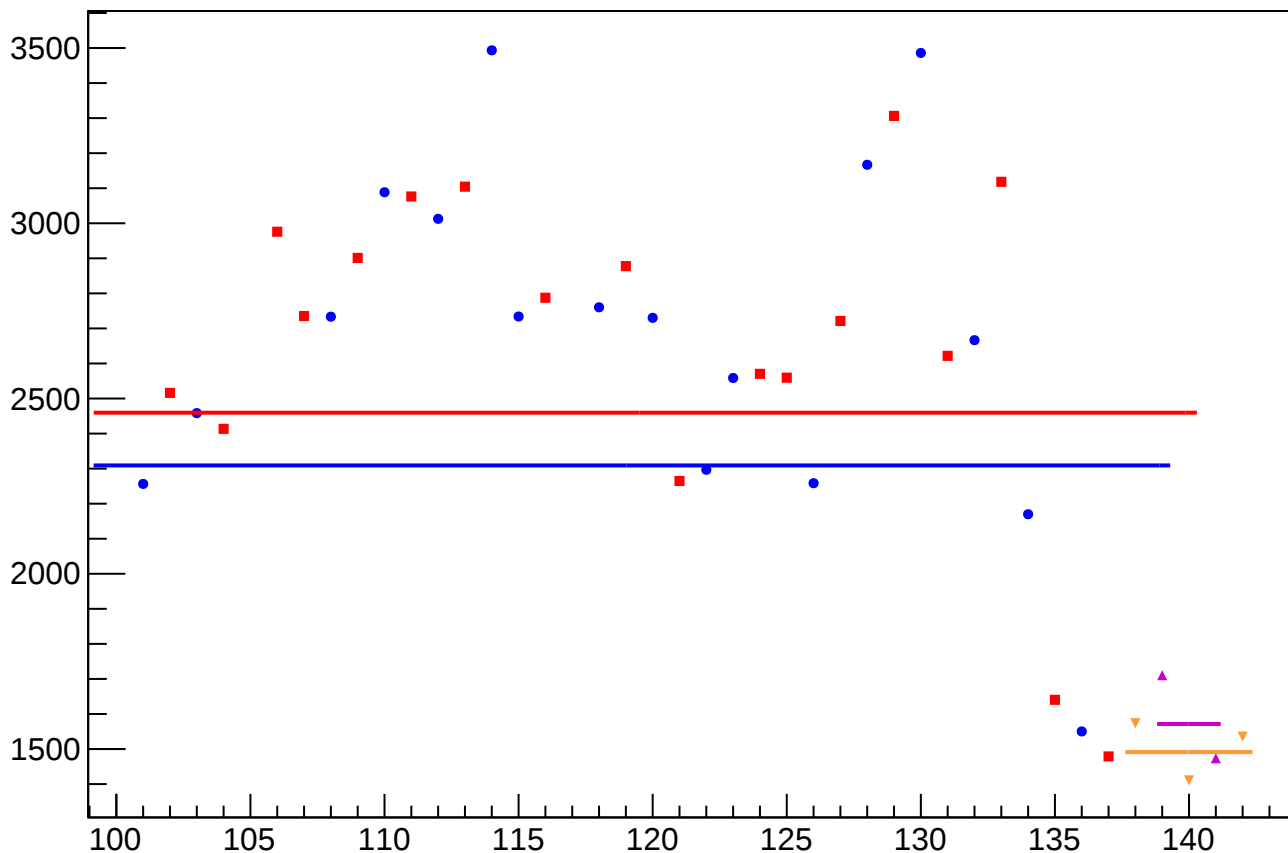
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -952.900 $\pm$ 737.557 χ^2 /NDF: 18.1/18

Out: -79.076 $\pm$ 709.959 χ^2 /NDF: 22.3/20

All: -499.334 $\pm$ 511.495 χ^2 /NDF: 41.2/39

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1491.304+/-0.756 χ^2/NDF : 9886.5/2

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1571.535+/-0.871 χ^2/NDF : 17953.7/1

Left: 1525.811+/-0.571 χ^2/NDF : 32678.6/4

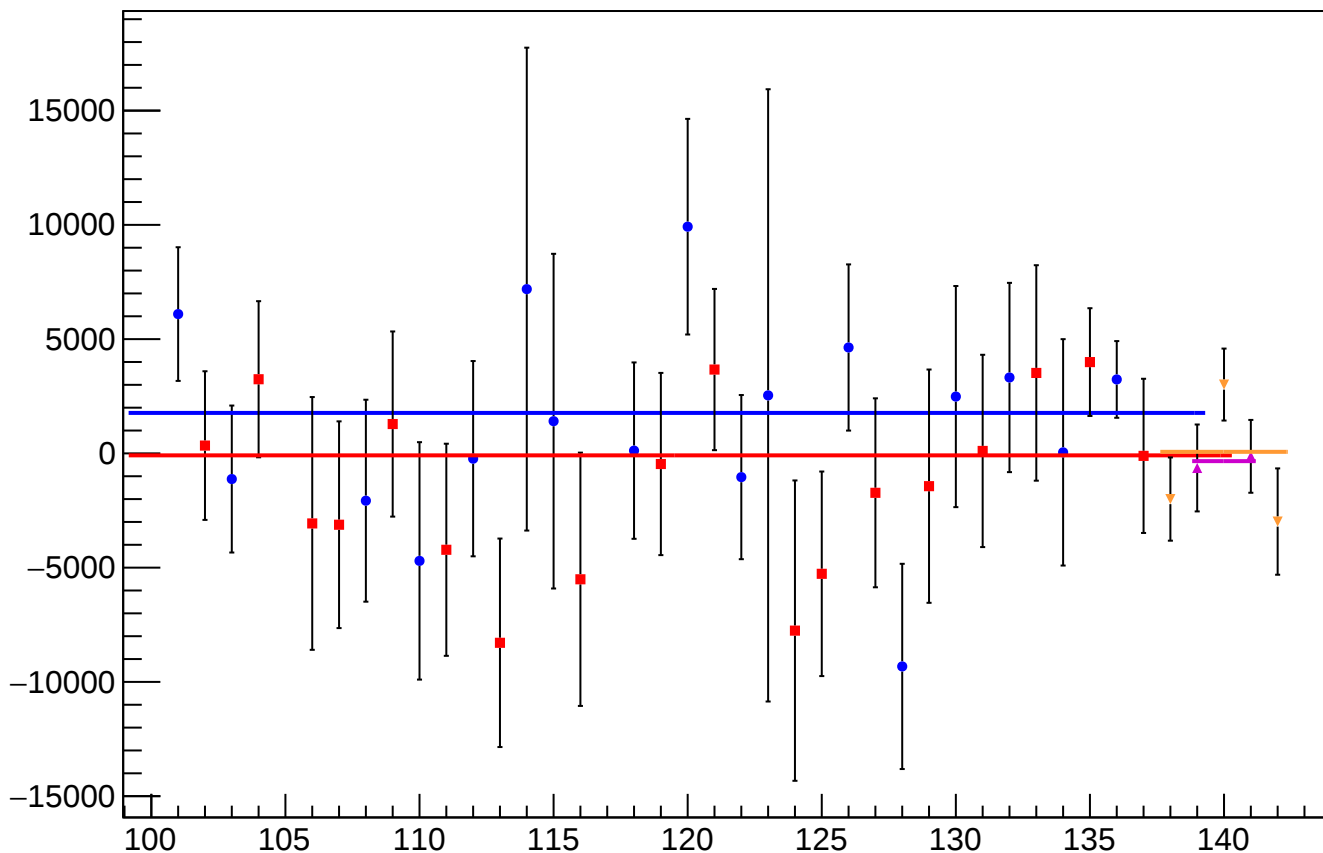
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 2044.524+/-0.522 χ^2/NDF : 1278824.3/18

Out: 2033.128+/-0.502 χ^2/NDF : 1594952.1/20

All: 2038.609+/-0.362 χ^2/NDF : 2874024.2/39

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 67.956+/-1060.274 χ^2/NDF : 6.5/2

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -338.883+/-1221.461 χ^2/NDF : 0.0/1

Left: -106.866+/-800.694 χ^2/NDF : 6.6/4

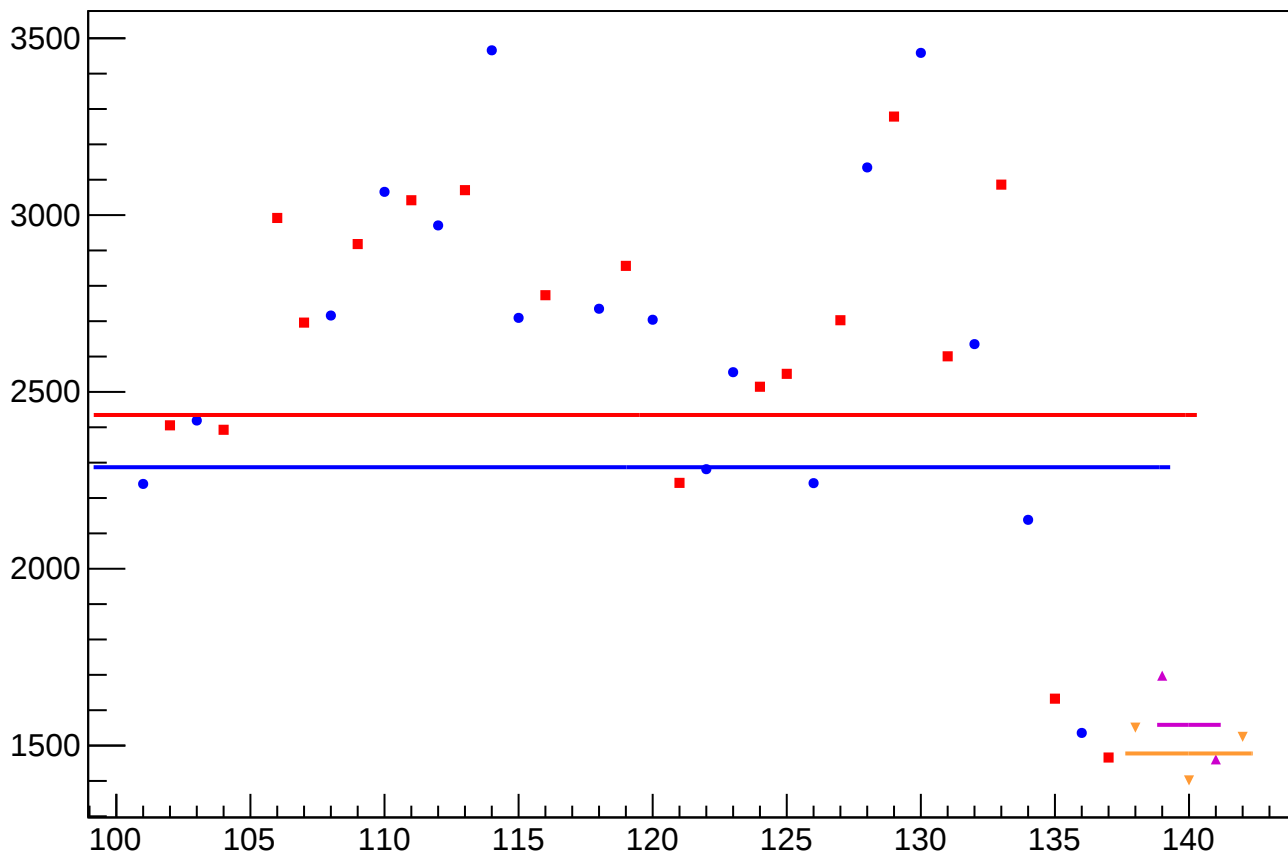
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: -18.303+/-703.315 χ^2/NDF : 21.0/20

All: 478.751+/-506.805 χ^2/NDF : 41.3/39

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1477.678 $\pm$ 0.750 χ^2/NDF : 8711.9/2

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1558.617 $\pm$ 0.864 χ^2/NDF : 18196.7/1

Left: 1512.458 $\pm$ 0.566 χ^2/NDF : 31916.9/4

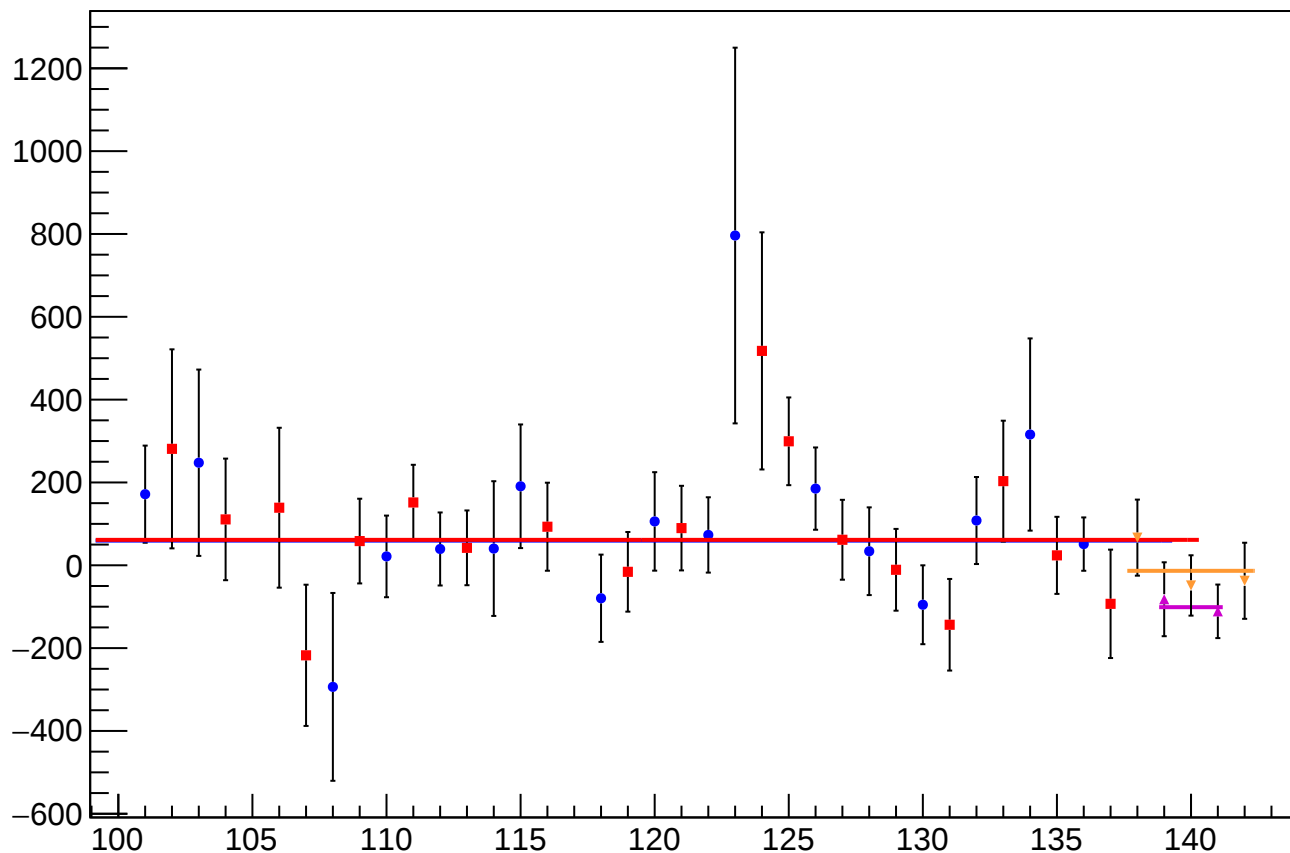
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 2026.229 $\pm$ 0.517 χ^2/NDF : 1274238.3/18

Out: 2013.648 $\pm$ 0.497 χ^2/NDF : 1588281.7/20

All: 2019.697 $\pm$ 0.358 χ^2/NDF : 2862827.7/39

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -13.367 $\pm$ 48.476 χ^2 /NDF: 1.1/2

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -101.132 $\pm$ 52.348 χ^2 /NDF: 0.1/1

Left: -53.884 $\pm$ 35.568 χ^2 /NDF: 2.6/4

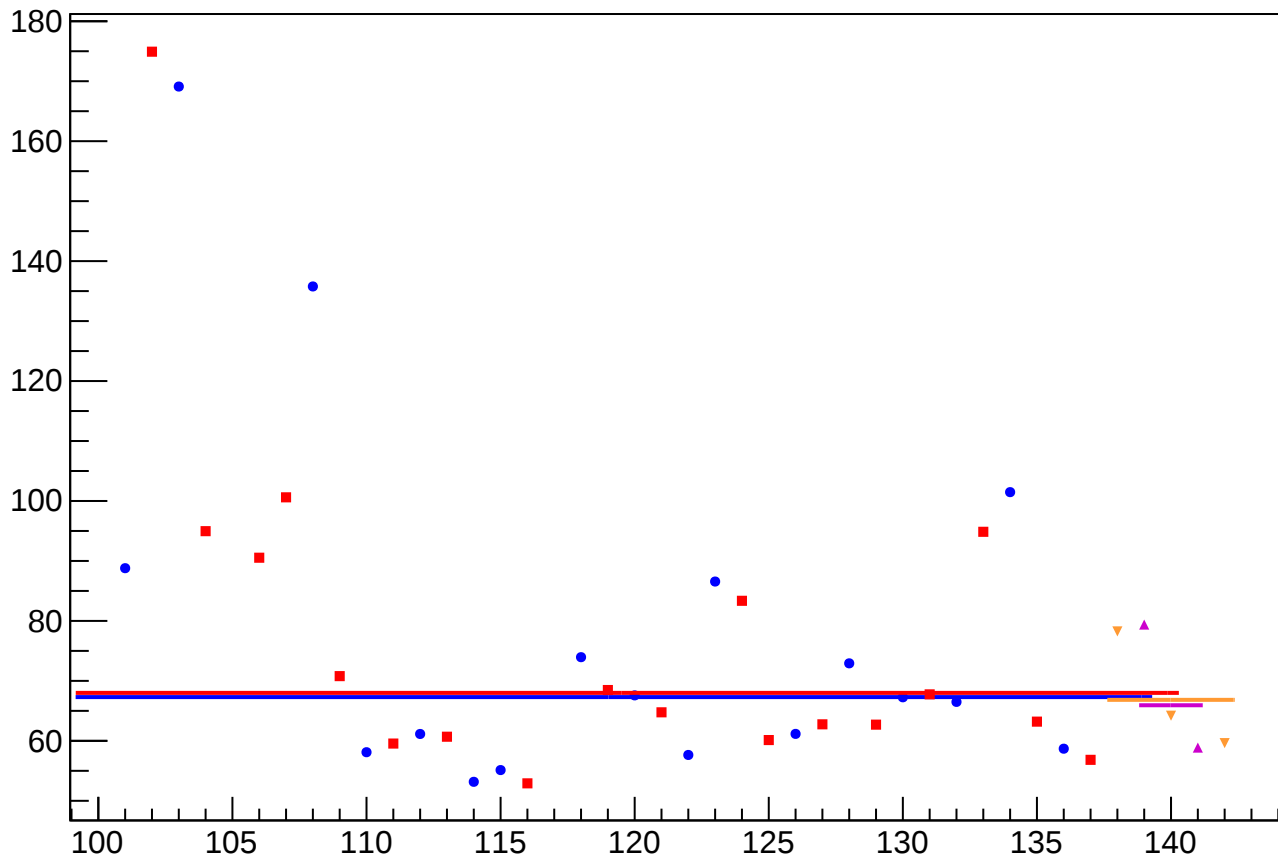
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 25.713 $\pm$ 24.052 χ^2 /NDF: 22.8/18

Out: 43.686 $\pm$ 23.595 χ^2 /NDF: 22.6/20

All: 34.872 $\pm$ 16.843 χ^2 /NDF: 45.7/39

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 66.837 $\pm$ 0.034 χ^2 /NDF: 45871.0/2

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 65.935 $\pm$ 0.037 χ^2 /NDF: 69332.1/1

Left: 66.421 $\pm$ 0.025 χ^2 /NDF: 115522.8/4

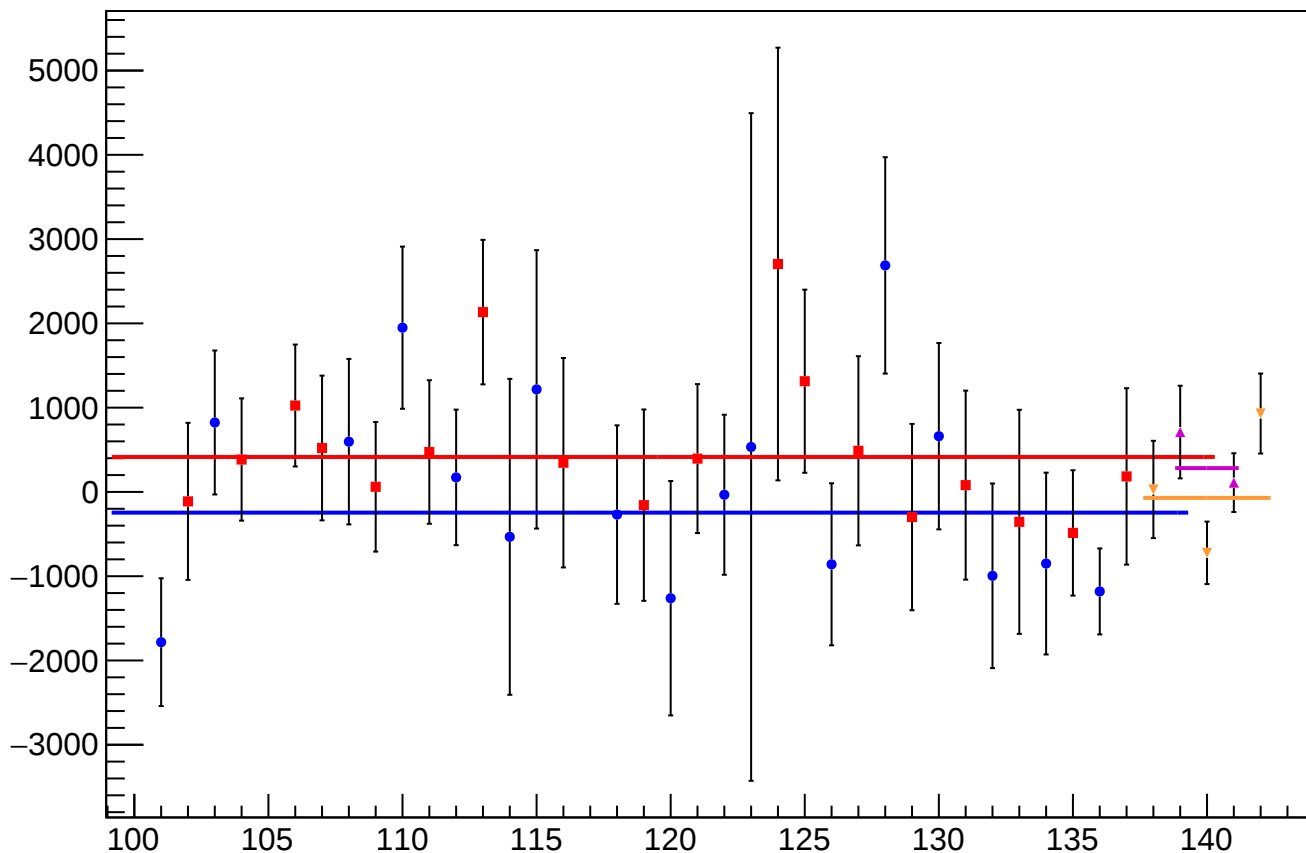
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 67.723 $\pm$ 0.017 χ^2 /NDF: 801076.0/20

All: 67.373 $\pm$ 0.012 χ^2 /NDF: 1713725.4/39

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -71.061+/-260.666 χ^2/NDF : 7.6/2

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 282.391+/-294.423 χ^2/NDF : 0.9/1

Left: 84.249+/-195.167 χ^2/NDF : 9.2/4

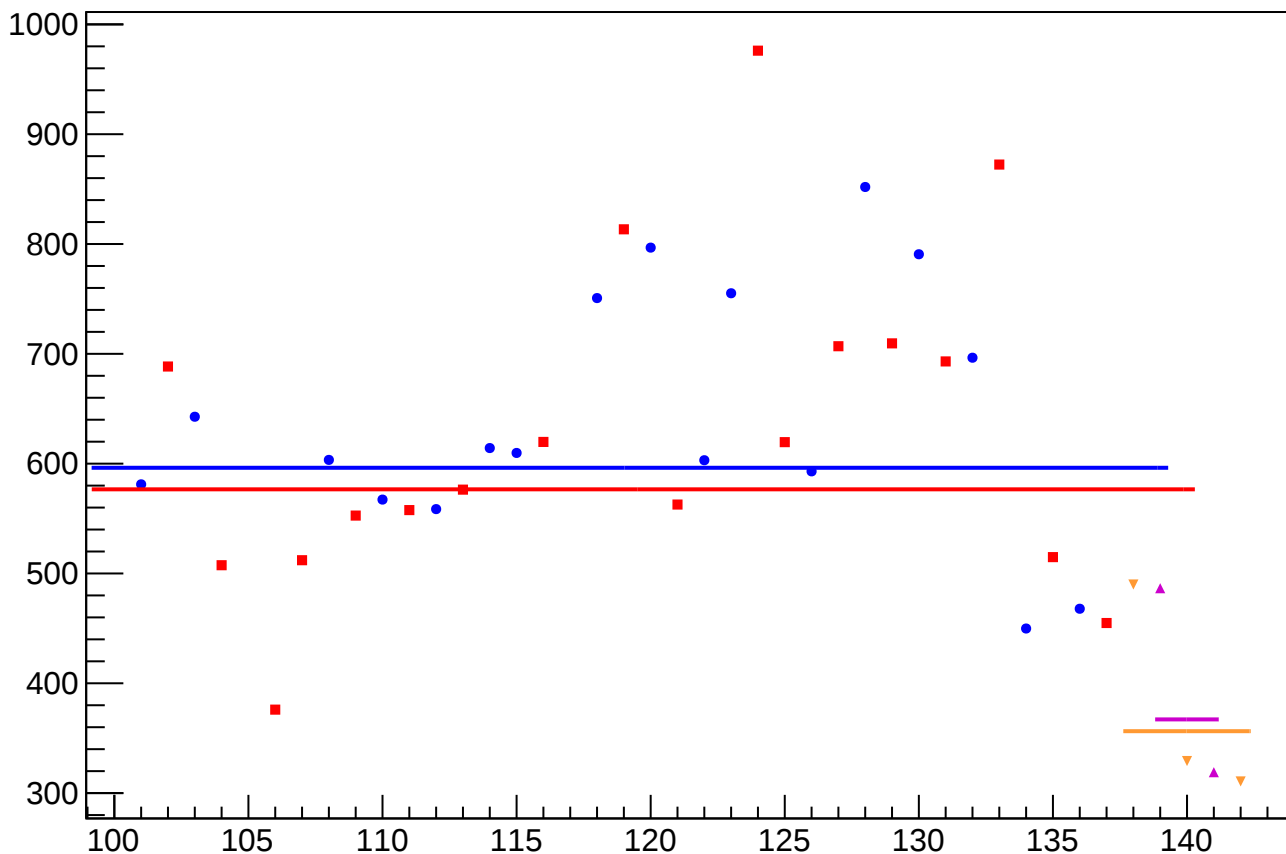
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: -39.717+/-183.861 χ^2/NDF : 26.6/18

Out: 209.660+/-169.359 χ^2/NDF : 19.0/20

All: 95.193+/-124.566 χ^2/NDF : 46.5/39

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 356.375+/-0.184 χ^2/NDF :136397.5/2

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 367.101+/-0.208 χ^2/NDF :132515.7/1

Left: 361.088+/-0.138 χ^2/NDF : 270401.3/4

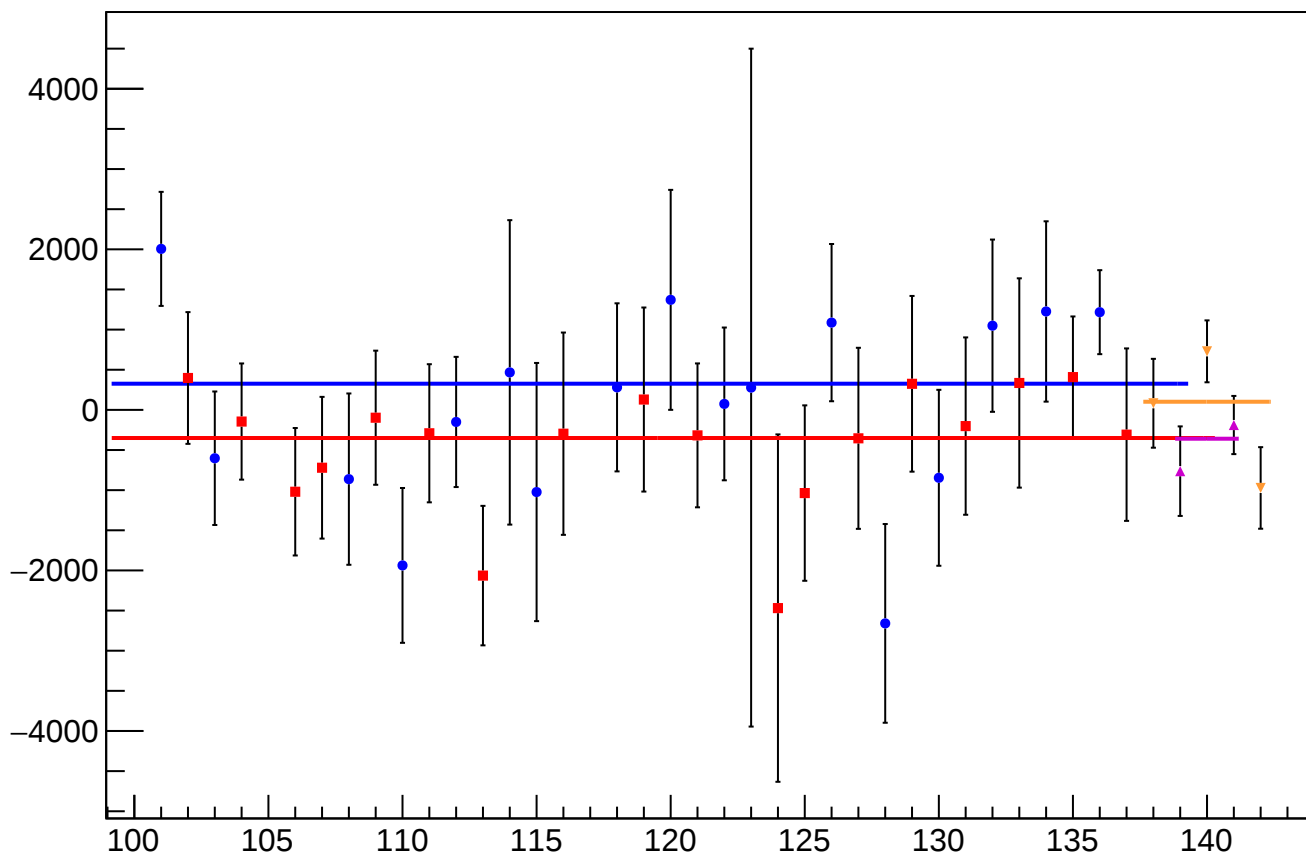
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 506.886+/-0.130 χ^2/NDF :1293684.7/18

Out: 483.645+/-0.120 χ^2/NDF :1535109.1/20

All: 494.313+/-0.088 χ^2/NDF : 2846082.3/39

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 101.454+/-268.574 χ^2/NDF : 7.1/2

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -359.246+/-303.878 χ^2/NDF : 0.7/1

Left: -100.591+/-201.240 χ^2/NDF : 9.2/4

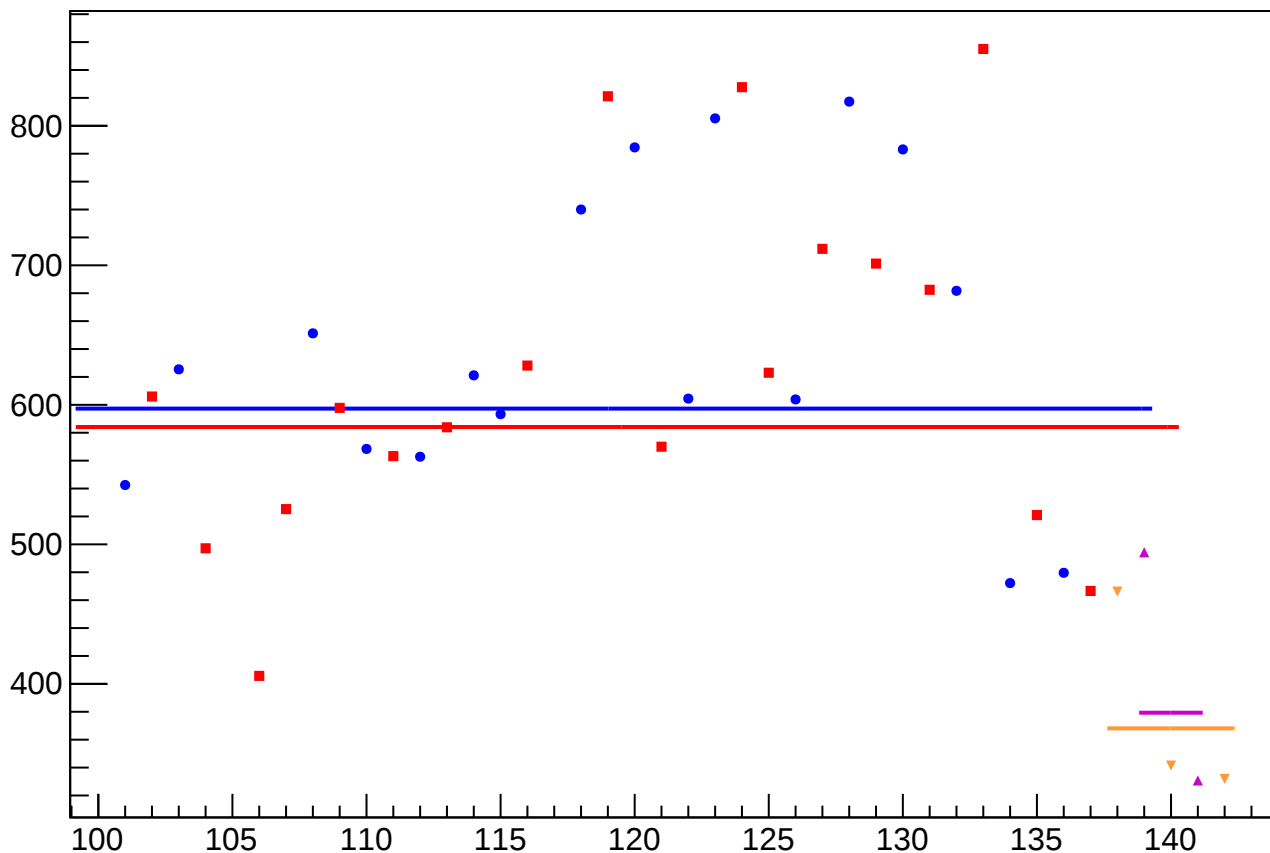
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: 68.785+/-186.193 χ^2/NDF : 30.8/18

Out: -163.803+/-172.588 χ^2/NDF : 17.8/20

All: -56.316+/-126.575 χ^2/NDF : 49.4/39

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 368.115 $\pm$ 0.190 χ^2 /NDF: 82454.9/2

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 379.331 $\pm$ 0.215 χ^2 /NDF: 120931.7/1

Left: 373.034 $\pm$ 0.142 χ^2 /NDF: 204916.2/4

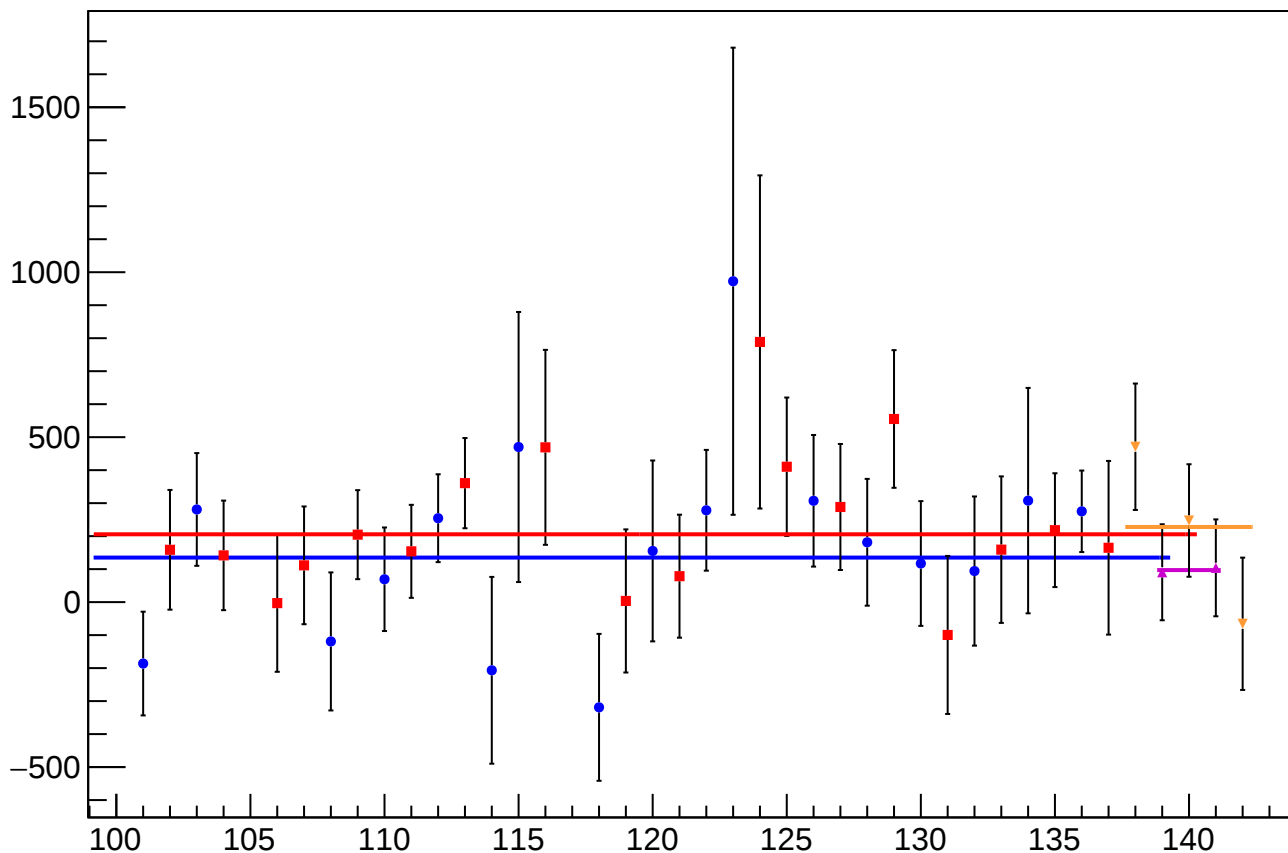
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 515.466 $\pm$ 0.132 χ^2 /NDF: 1127270.6/18

Out: 494.916 $\pm$ 0.122 χ^2 /NDF: 1288745.5/20

All: 504.413 $\pm$ 0.090 χ^2 /NDF: 2429119.8/39

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 227.785 $\pm$ 107.515 χ^2 /NDF:3.8/2

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 97.124 $\pm$ 103.355 χ^2 /NDF:0.0/1

Left: 159.878 $\pm$ 74.510 χ^2 /NDF: 4.5/4

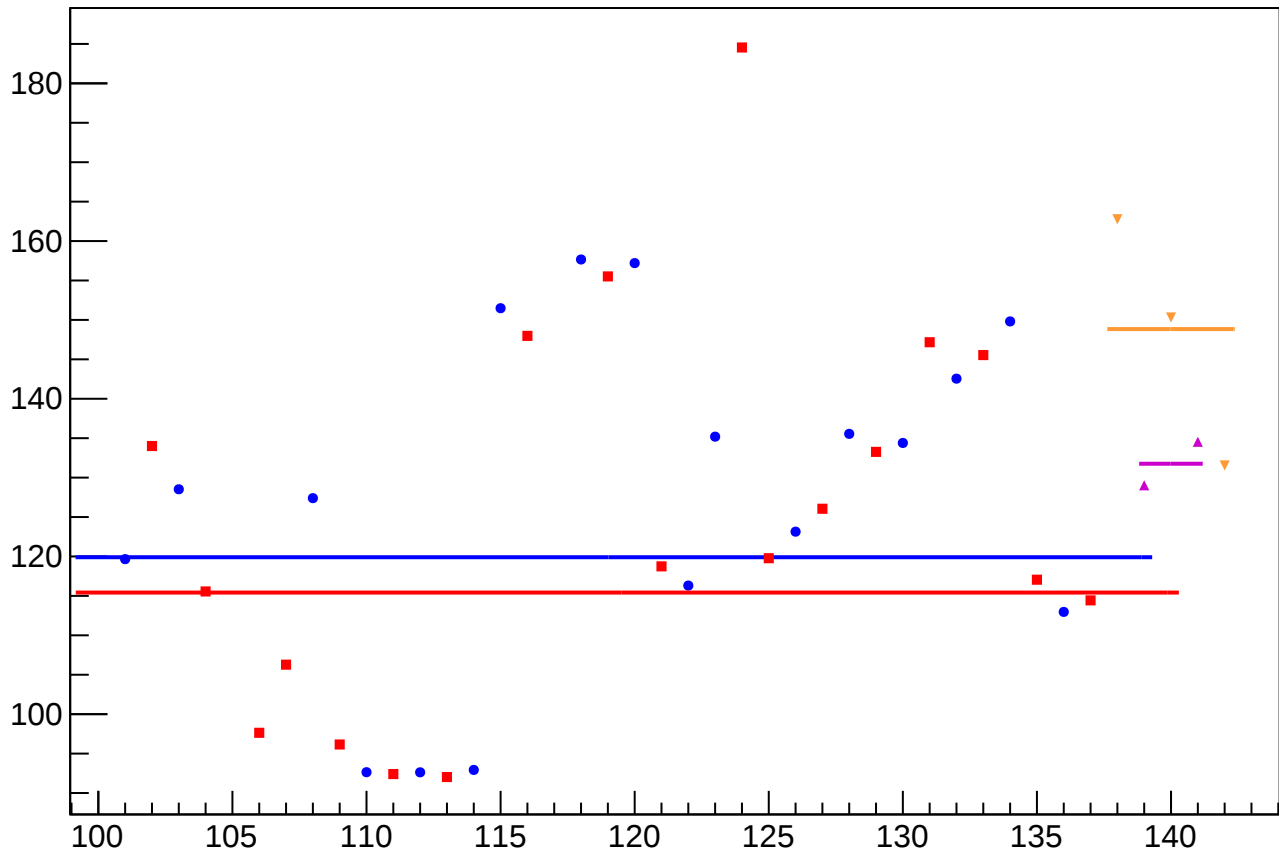
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 128.528 $\pm$ 42.803 χ^2 /NDF:18.2/18

Out: 208.841 $\pm$ 41.145 χ^2 /NDF:15.8/20

All: 170.269 $\pm$ 29.663 χ^2 /NDF: 35.8/39

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 148.837 $\pm$ 0.076 χ^2 /NDF:25597.6/2

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 131.759 $\pm$ 0.073 χ^2 /NDF:1425.8/1

Left: 139.961 $\pm$ 0.053 χ^2 /NDF: 53249.2/4

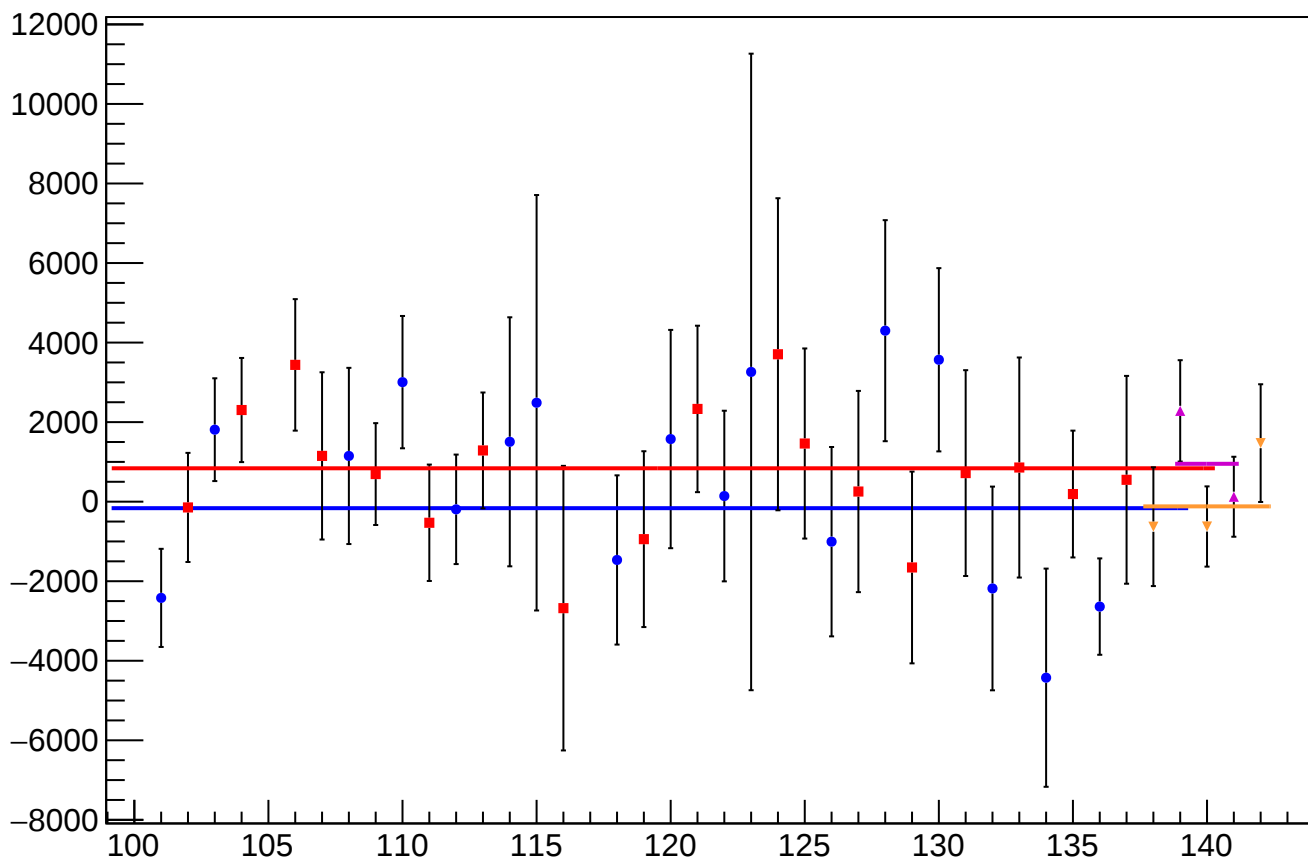
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 121.937 $\pm$ 0.030 χ^2 /NDF:368739.5/18

Out: 120.316 $\pm$ 0.029 χ^2 /NDF:608589.9/20

All: 121.094 $\pm$ 0.021 χ^2 /NDF: 978819.9/39

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -118.424+/-727.825 χ^2/NDF : 1.5/2

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 952.049+/-789.354 χ^2/NDF : 1.8/1

Left: 373.471+/-535.082 χ^2/NDF : 4.3/4

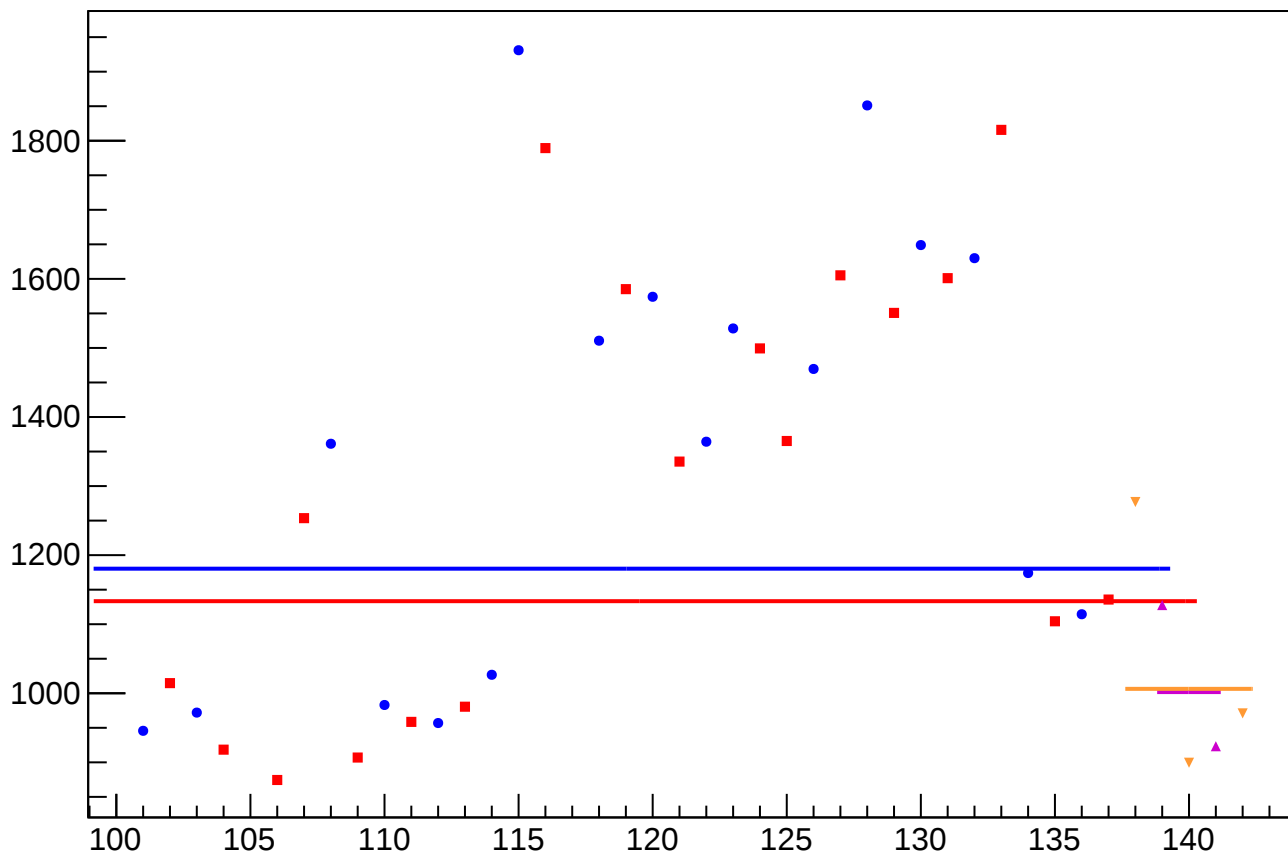
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 128.077+/-403.576 χ^2/NDF : 27.0/18

Out: 582.475+/-376.838 χ^2/NDF : 12.1/20

All: 370.825+/-275.433 χ^2/NDF : 39.7/39

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1006.410+/-0.515 χ^2/NDF : 89283.3/2

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 1001.738+/-0.558 χ^2/NDF : 31709.4/1

Left: 1004.263+/-0.378 χ^2/NDF : 121030.6/4

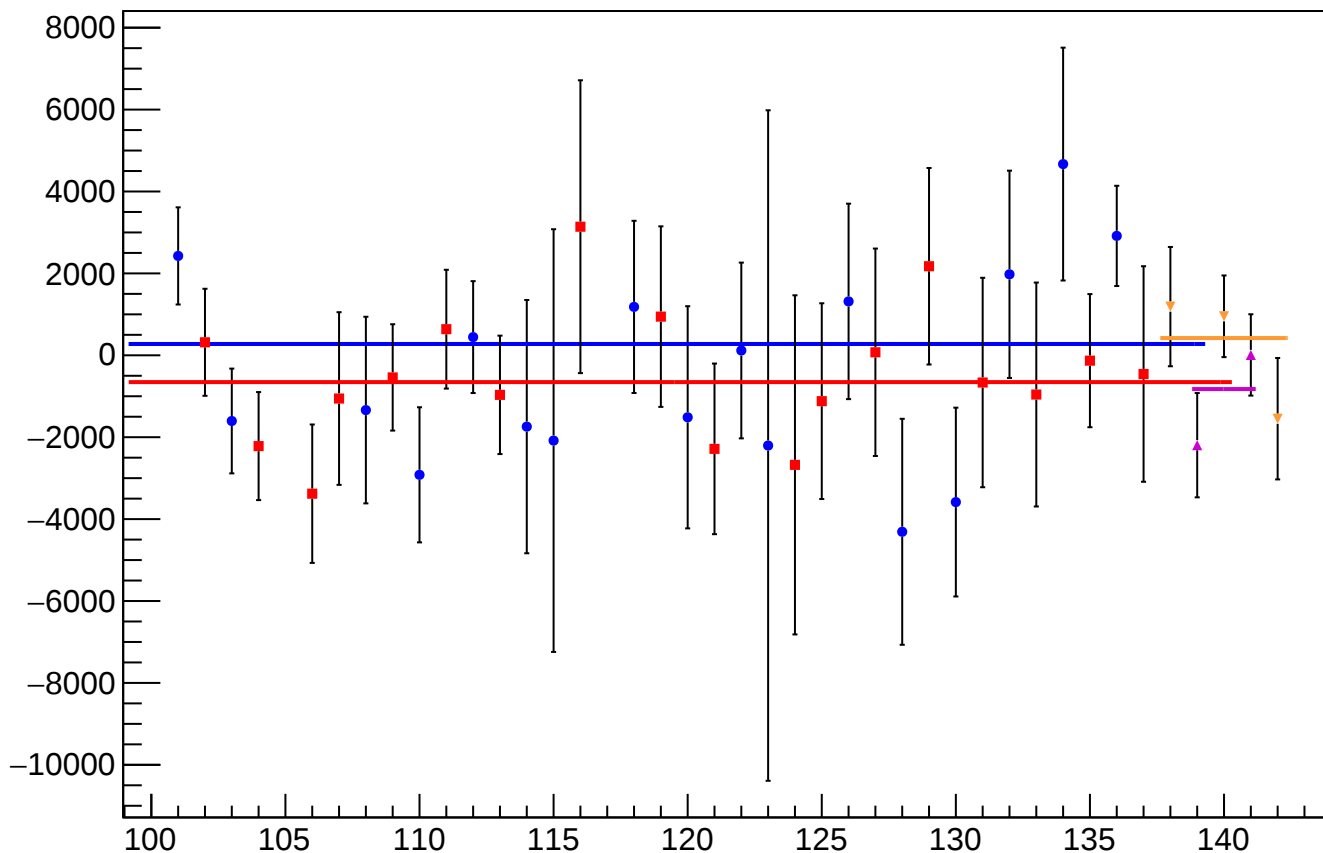
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1133.700+/-0.285 χ^2/NDF : 776233.5/18

Out: 1099.318+/-0.266 χ^2/NDF : 894205.8/20

All: 1115.332+/-0.195 χ^2/NDF : 1678193.8/39

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 421.227+/-719.433 χ^2/NDF : 2.3/2

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -824.121+/-783.204 χ^2/NDF : 1.9/1

Left: -148.690+/-529.829 χ^2/NDF : 5.6/4

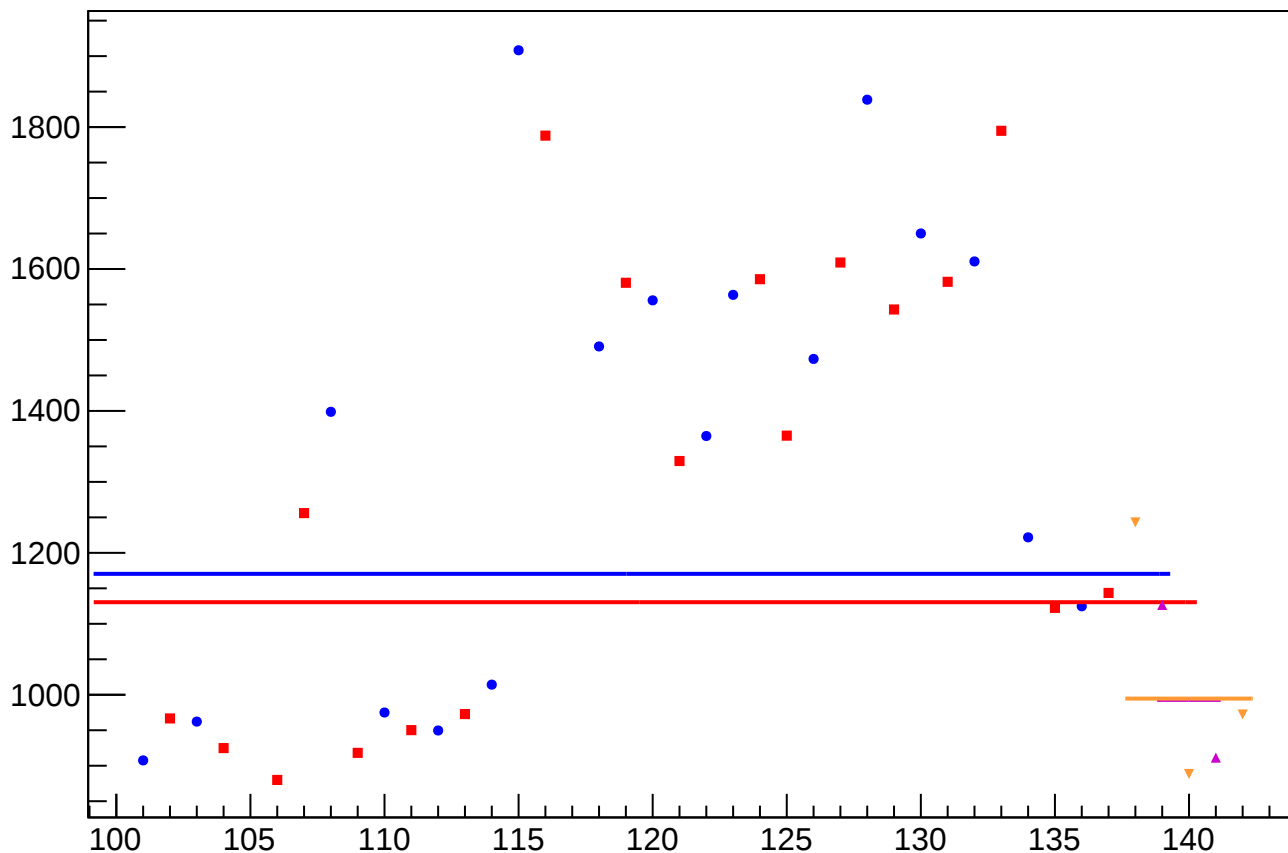
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -11.709+/-400.743 χ^2/NDF : 27.6/18

Out: -361.766+/-375.254 χ^2/NDF : 13.5/20

All: -198.223+/-273.913 χ^2/NDF : 41.6/39

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 994.611+/-0.509 χ^2/NDF :81281.4/2

Right Out: 1130.456+/-0.311 χ^2/NDF : 763027.2/17

Left In: 992.790+/-0.554 χ^2/NDF :35496.0/1

Left: 993.778+/-0.375 χ^2/NDF : 116783.3/4

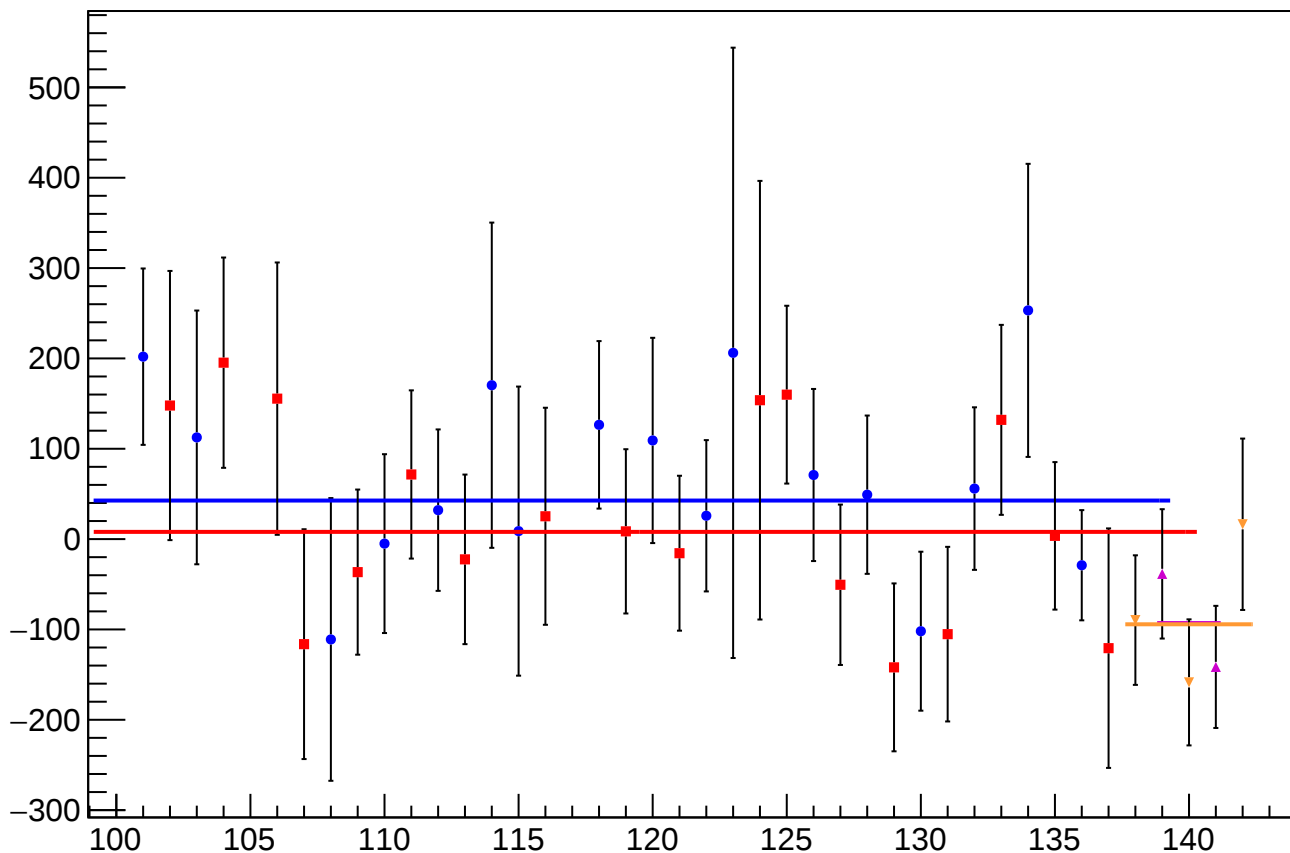
Right: 1149.259+/-0.226 χ^2/NDF : 1476279.7/34

In: 1123.904+/-0.283 χ^2/NDF :816911.2/18

Out: 1093.498+/-0.265 χ^2/NDF :896216.1/20

All: 1107.703+/-0.194 χ^2/NDF : 1719261.8/39

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -94.298 $\pm$ 44.234 χ^2 /NDF:2.2/2

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -92.936 $\pm$ 49.145 χ^2 /NDF:1.1/1

Left: -93.689 $\pm$ 32.878 χ^2 /NDF: 3.3/4

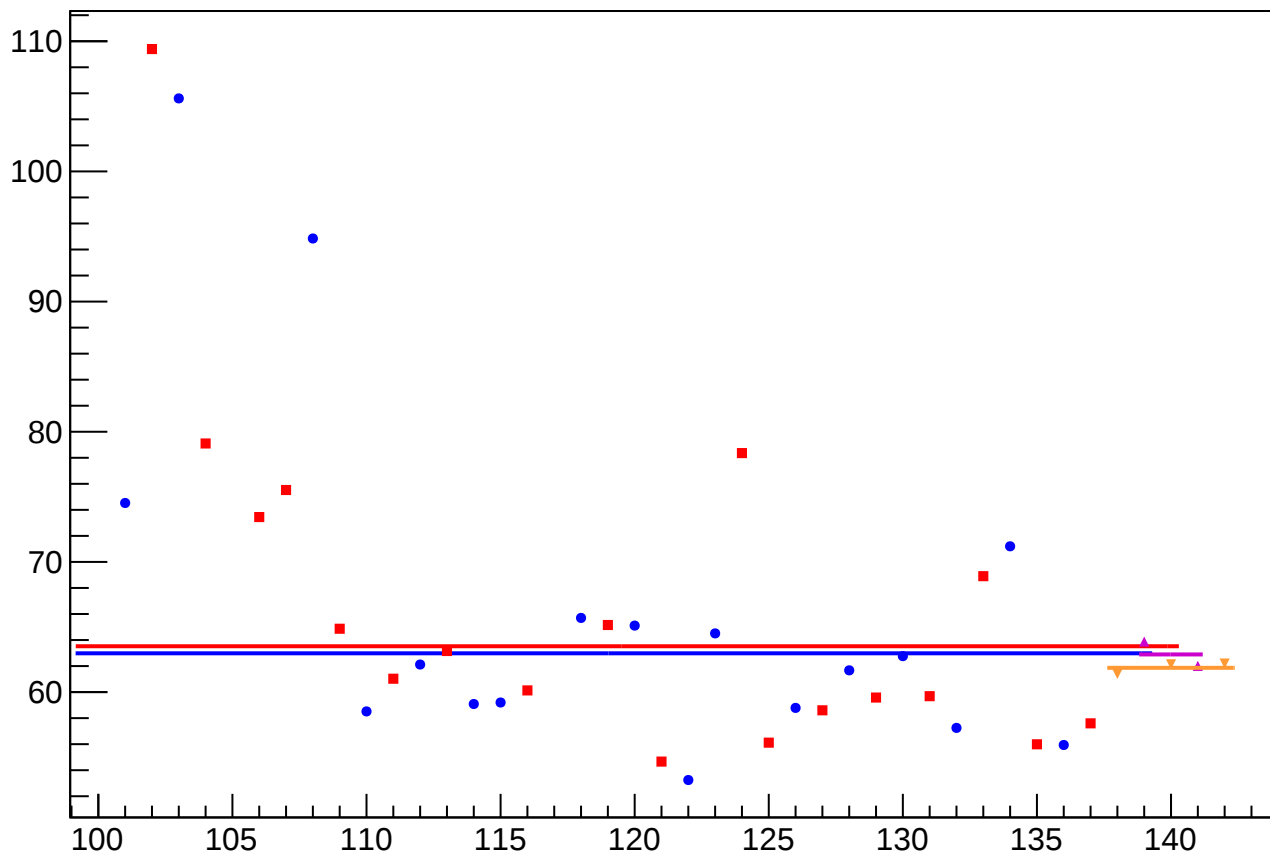
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: 15.325 $\pm$ 22.070 χ^2 /NDF:19.2/18

Out: -16.008 $\pm$ 21.427 χ^2 /NDF:22.1/20

All: -0.804 $\pm$ 15.374 χ^2 /NDF: 42.3/39

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2/NDF : 375263.3/16

Left Out: 61.865 $\pm$ 0.031 χ^2/NDF :140.8/2

Right Out: 63.522 $\pm$ 0.017 χ^2/NDF : 335430.9/17

Left In: 62.893 $\pm$ 0.035 χ^2/NDF :717.1/1

Left: 62.325 $\pm$ 0.023 χ^2/NDF : 1341.2/4

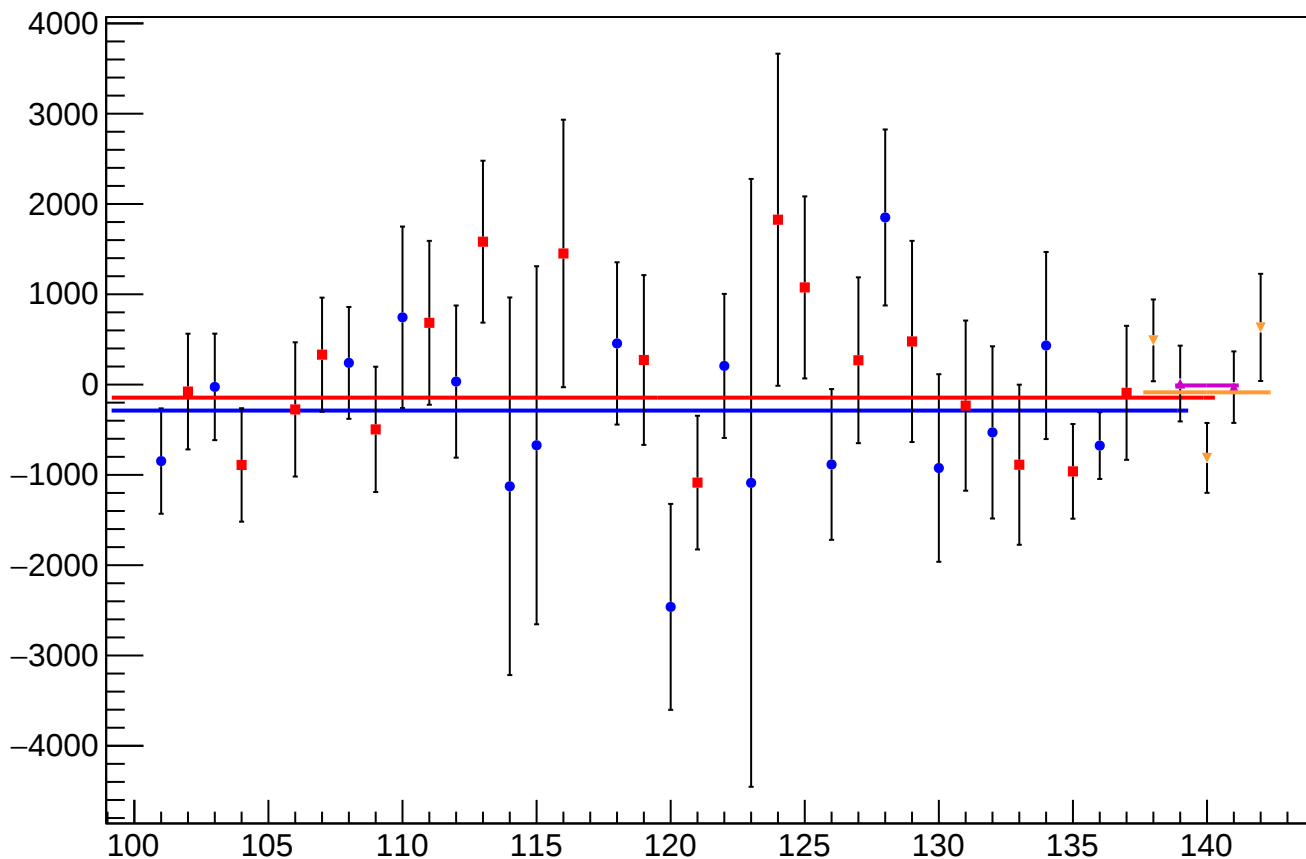
Right: 63.253 $\pm$ 0.012 χ^2/NDF : 711180.0/34

In: 62.963 $\pm$ 0.016 χ^2/NDF :375985.5/18

Out: 63.133 $\pm$ 0.015 χ^2/NDF :337719.1/20

All: 63.051 $\pm$ 0.011 χ^2/NDF : 713766.3/39

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -85.846 $\pm$ 263.602 χ^2 /NDF:6.6/2

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -9.541 $\pm$ 287.943 χ^2 /NDF:0.0/1

Left: -51.054 $\pm$ 194.431 χ^2 /NDF: 6.6/4

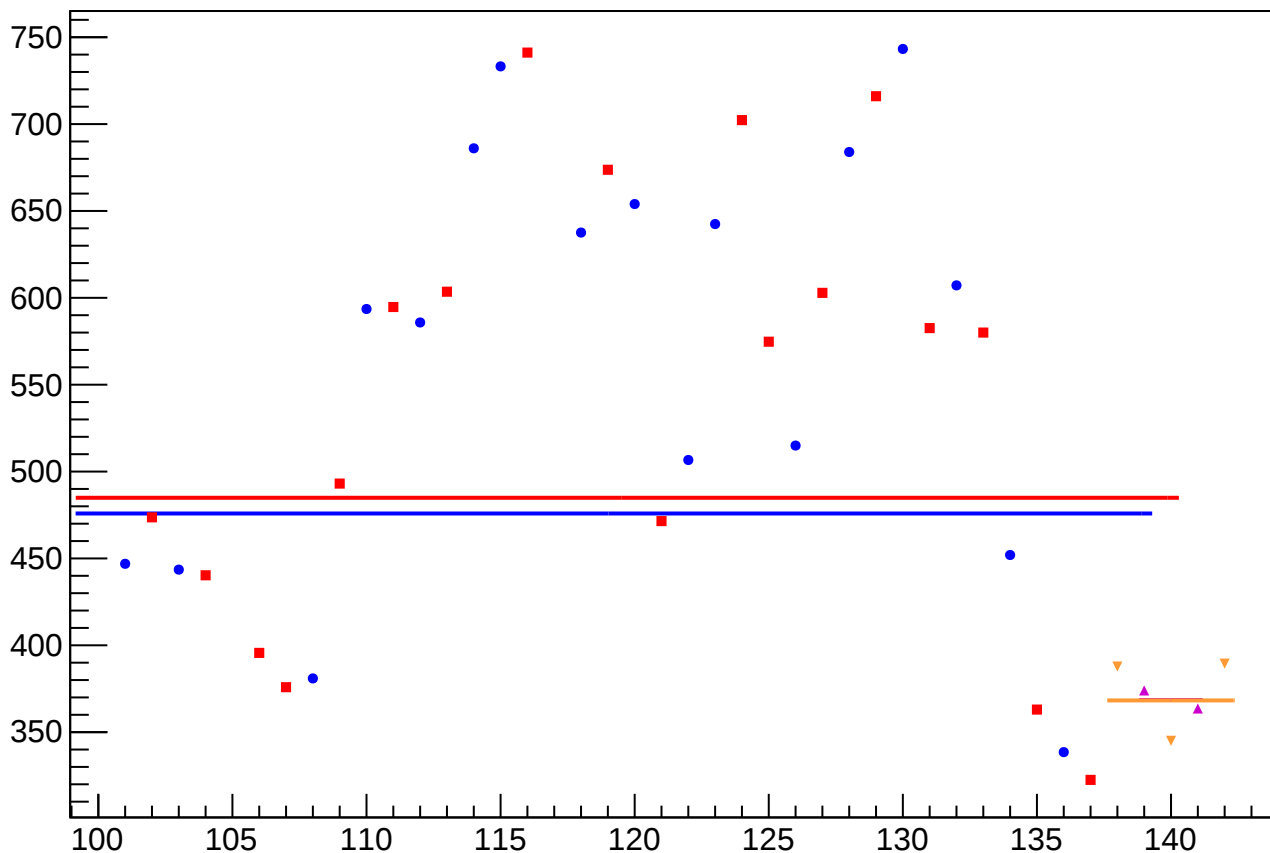
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -203.382 $\pm$ 158.521 χ^2 /NDF:16.0/18

Out: -124.838 $\pm$ 152.940 χ^2 /NDF:22.7/20

All: -162.703 $\pm$ 110.065 χ^2 /NDF: 38.8/39

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 368.273+/-0.186 χ^2/NDF :13469.8/2

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 368.522+/-0.204 χ^2/NDF :649.2/1

Left: 368.386+/-0.137 χ^2/NDF : 14119.8/4

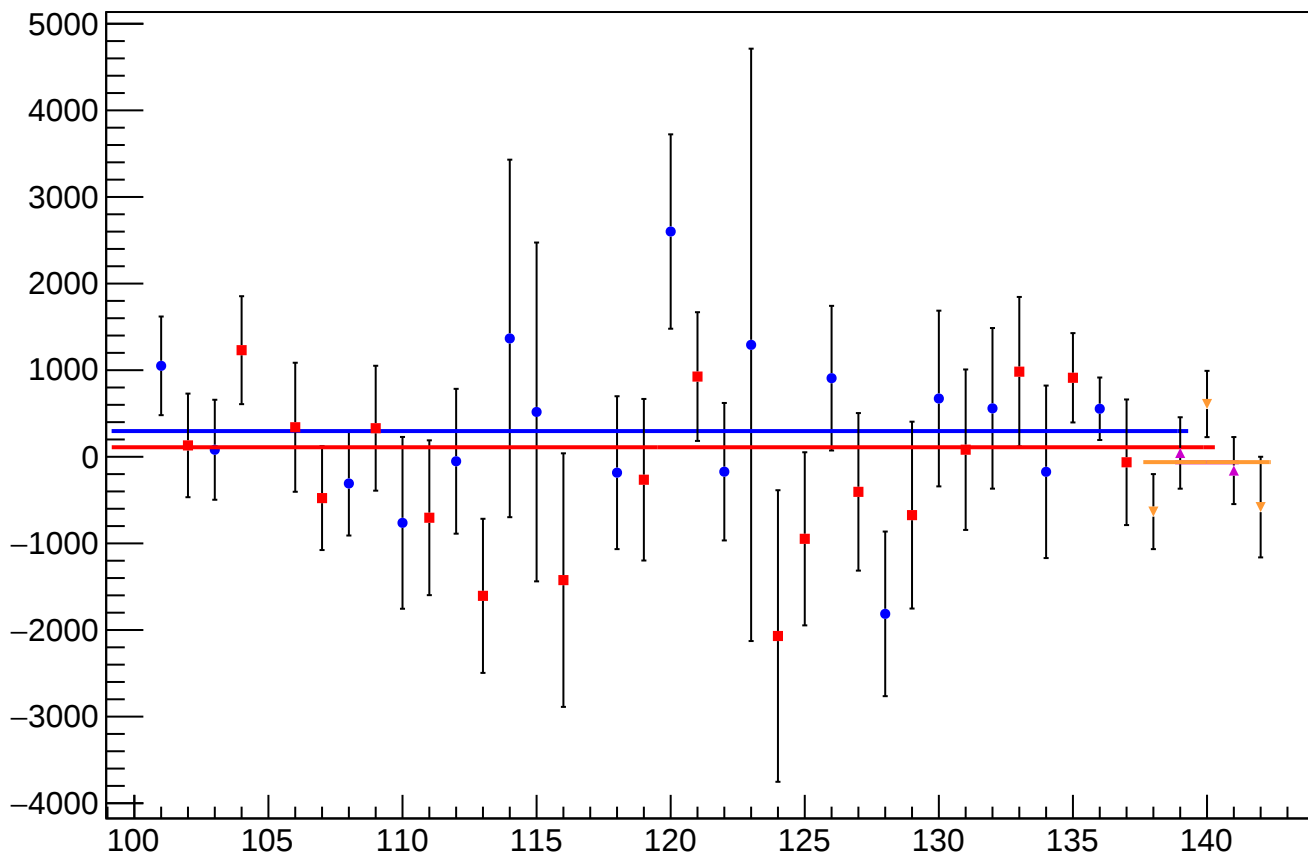
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 443.335+/-0.112 χ^2/NDF :1032185.4/18

Out: 445.649+/-0.108 χ^2/NDF :989559.1/20

All: 444.534+/-0.078 χ^2/NDF : 2021965.3/39

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -61.517 $\pm$ 257.144 χ^2 /NDF: 5.6/2

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -63.929 $\pm$ 282.225 χ^2 /NDF: 0.1/1

Left: -62.611 $\pm$ 190.078 χ^2 /NDF: 5.7/4

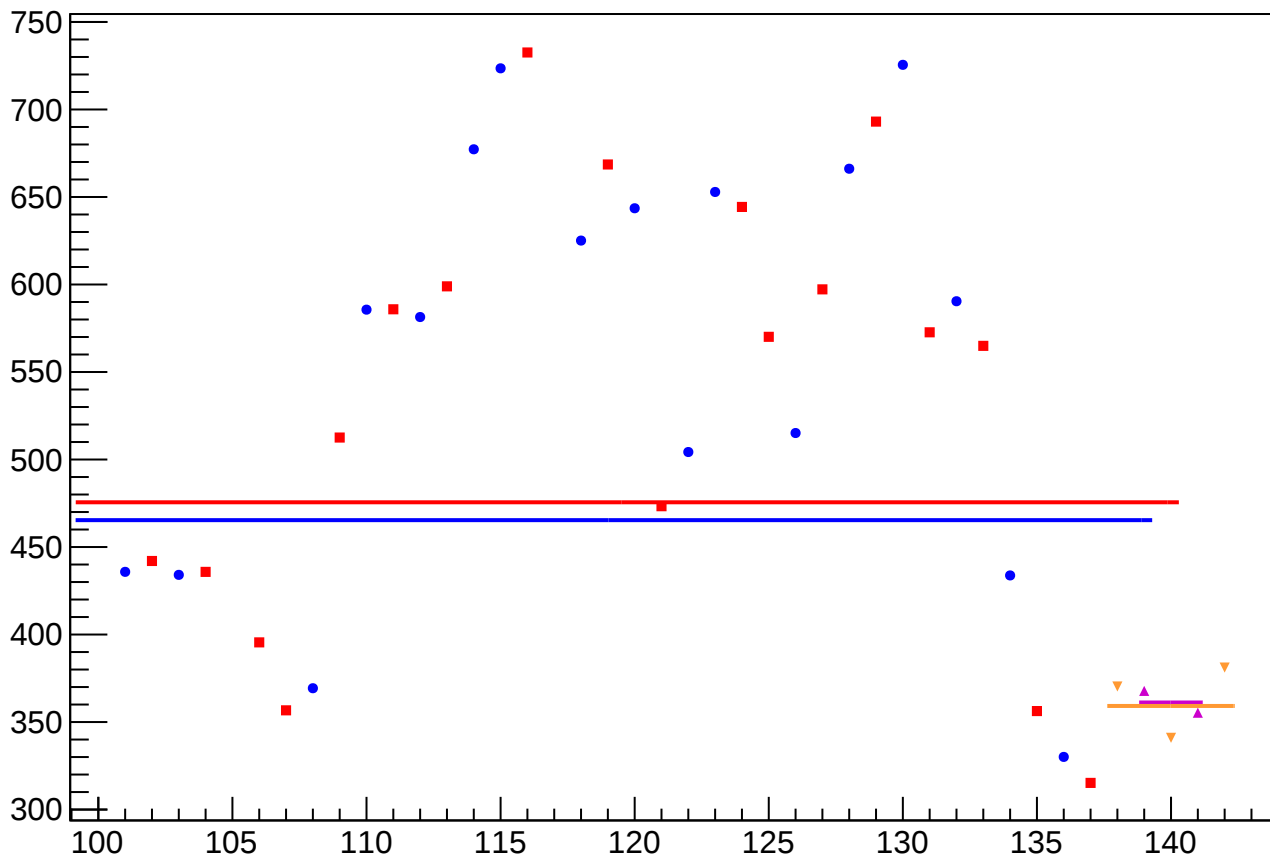
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 187.713 $\pm$ 155.291 χ^2 /NDF: 17.1/18

Out: 51.845 $\pm$ 149.852 χ^2 /NDF: 24.5/20

All: 117.358 $\pm$ 107.833 χ^2 /NDF: 42.0/39

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 359.191+/-0.182 χ^2/NDF : 8695.9/2

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 361.169+/-0.200 χ^2/NDF : 972.7/1

Left: 360.088+/-0.134 χ^2/NDF : 9722.2/4

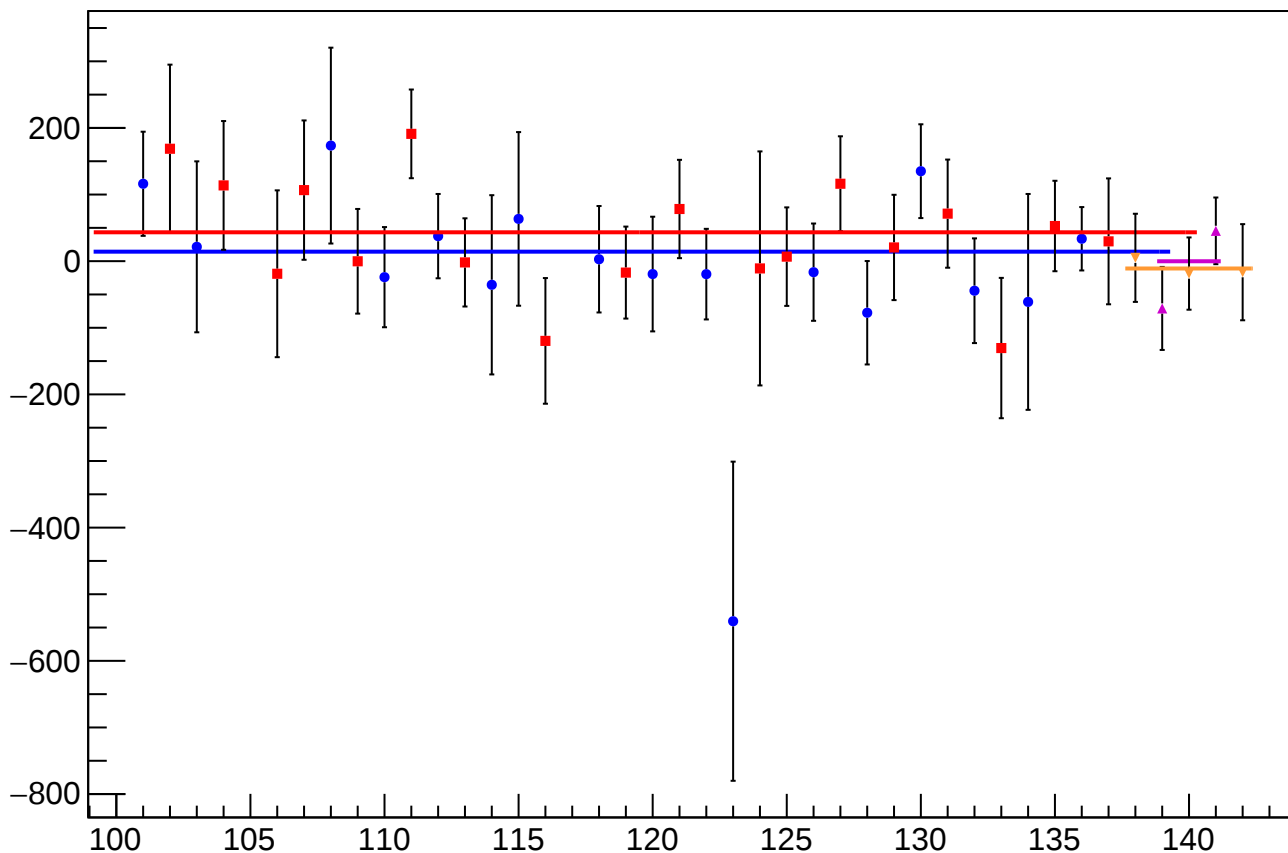
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 433.812+/-0.110 χ^2/NDF : 1051434.6/18

Out: 436.040+/-0.106 χ^2/NDF : 1020034.3/20

All: 434.965+/-0.076 χ^2/NDF : 2071682.2/39

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -11.009 ± 36.267 χ^2/NDF : 0.1/2

Right Out: 43.336 ± 19.650 χ^2/NDF : 16.2/17

Left In: -0.141 ± 39.013 χ^2/NDF : 2.1/1

Left: -5.971 ± 26.562 χ^2/NDF : 2.3/4

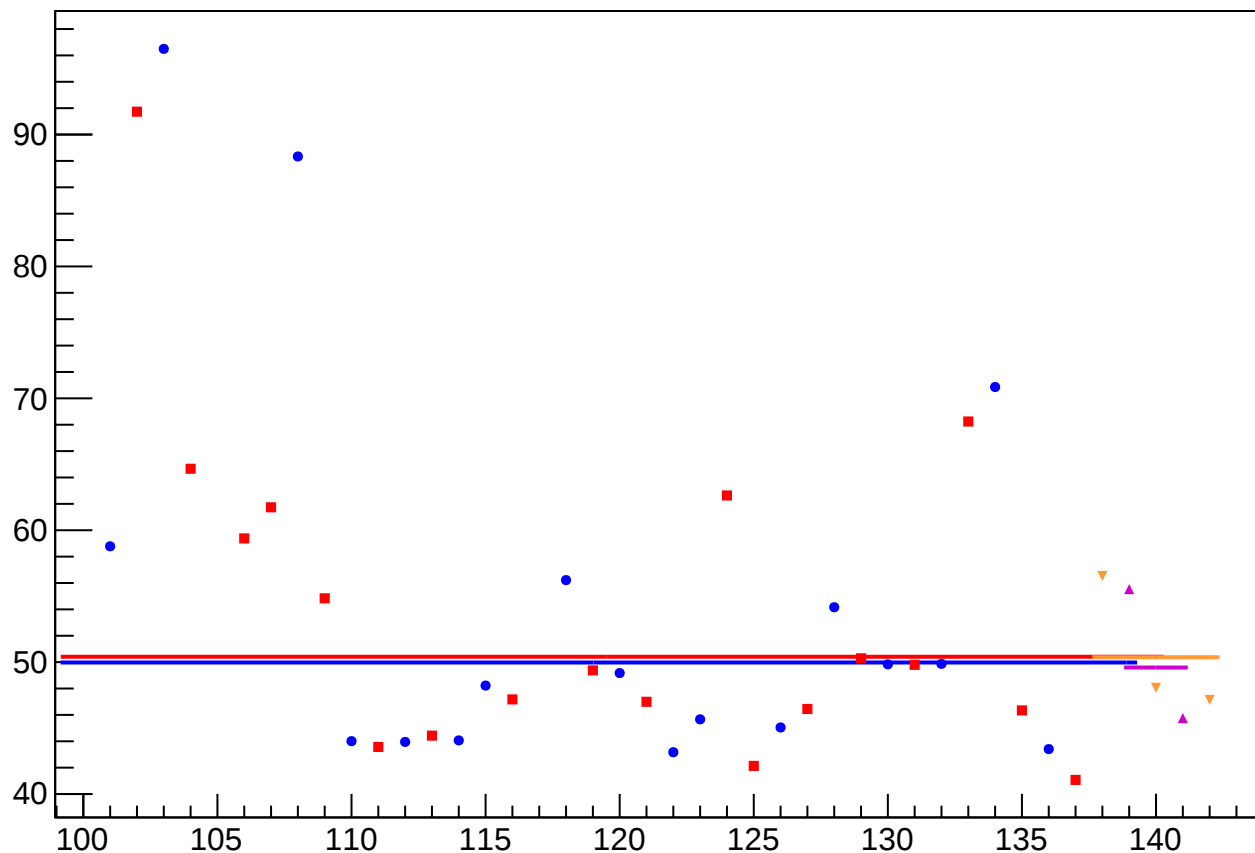
Right: 28.954 ± 13.971 χ^2/NDF : 32.0/34

In: 11.289 ± 17.703 χ^2/NDF : 17.0/18

Out: 31.003 ± 17.277 χ^2/NDF : 18.0/20

All: 21.386 ± 12.365 χ^2/NDF : 35.6/39

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 50.370+/-0.026 χ^2/NDF : 25014.4/2

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 49.592+/-0.028 χ^2/NDF : 29956.4/1

Left: 50.009+/-0.019 χ^2/NDF : 55397.8/4

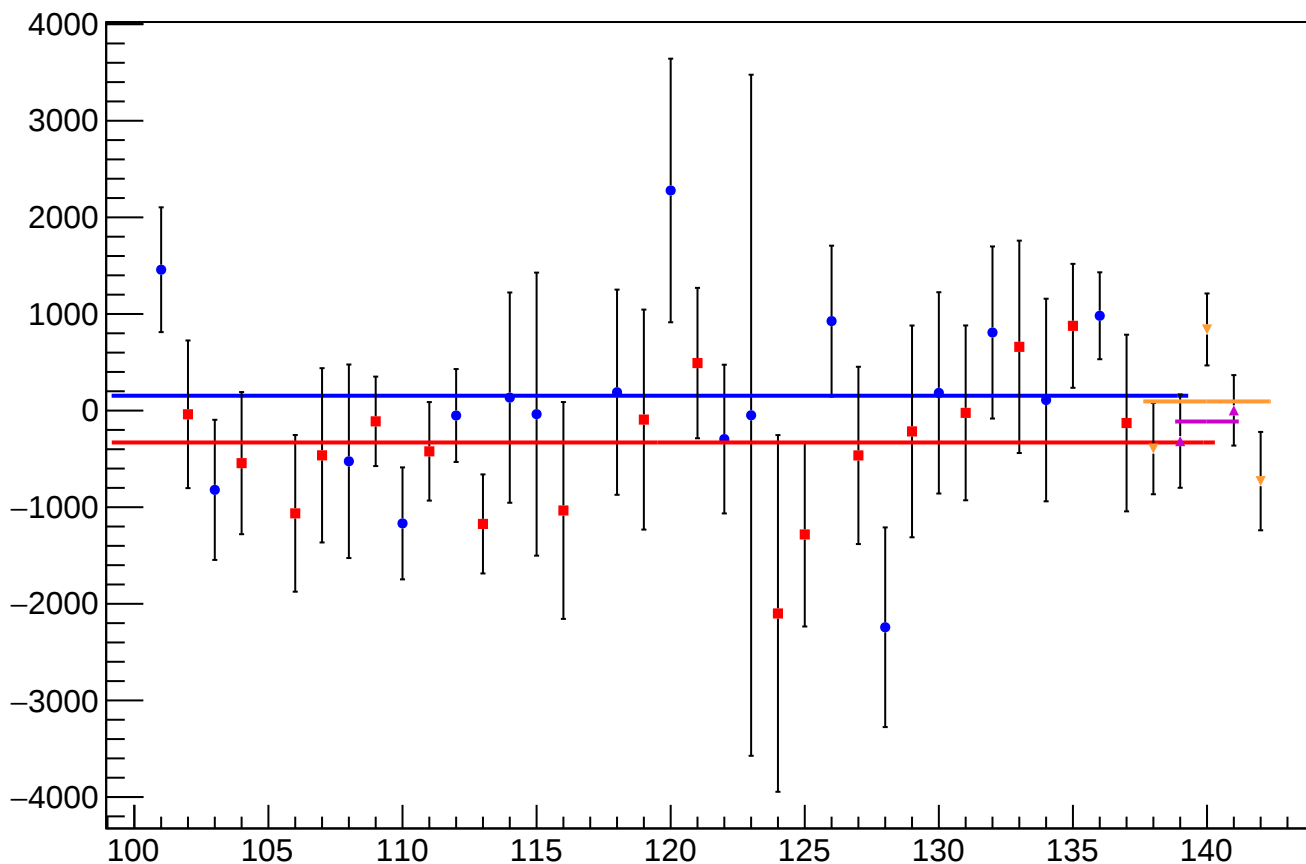
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 49.895+/-0.013 χ^2/NDF : 608858.7/18

Out: 50.399+/-0.012 χ^2/NDF : 492497.5/20

All: 50.153+/-0.009 χ^2/NDF : 1102189.0/39

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 94.807 $\pm$ 253.608 χ^2 /NDF: 7.7/2

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -113.007 $\pm$ 291.122 χ^2 /NDF: 0.3/1

Left: 5.144 $\pm$ 191.225 χ^2 /NDF: 8.3/4

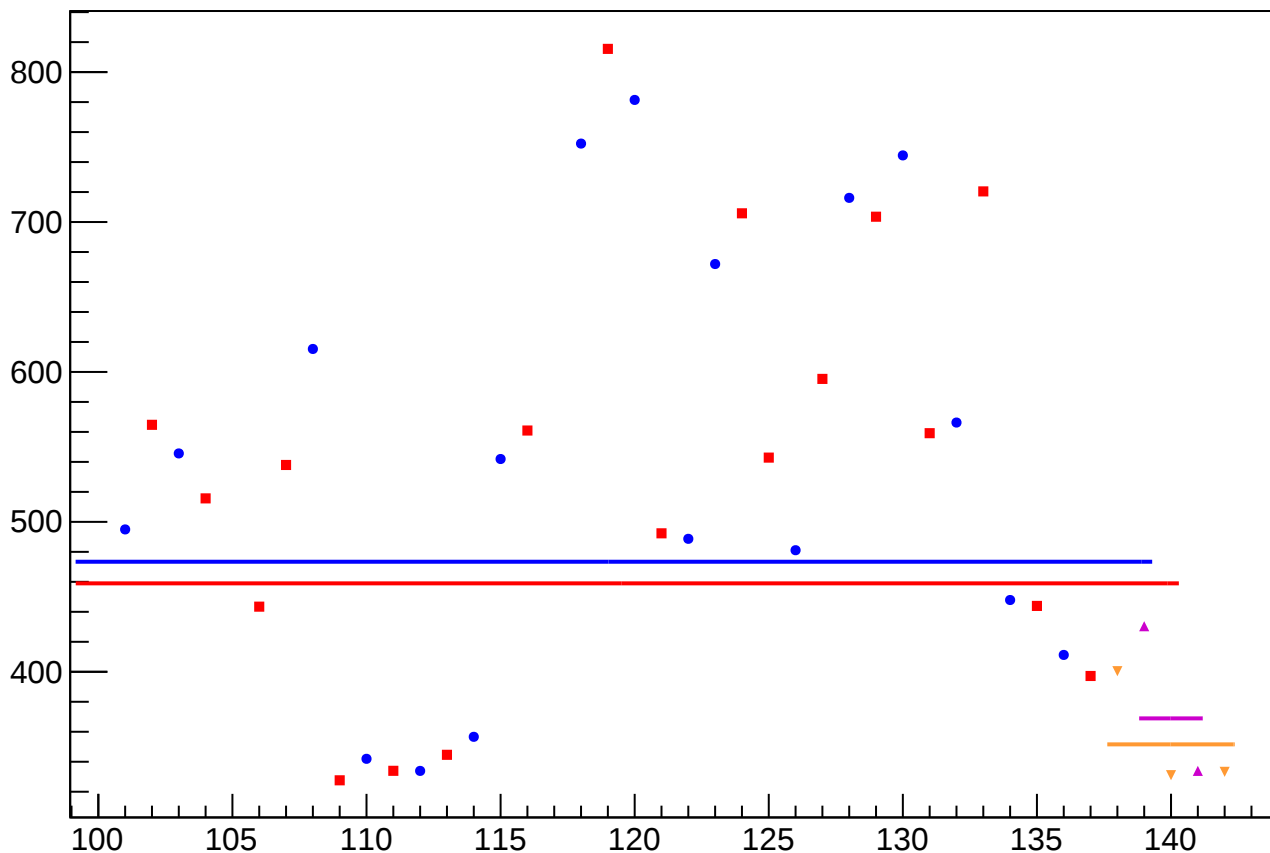
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 74.153 $\pm$ 159.090 χ^2 /NDF: 25.7/18

Out: -187.875 $\pm$ 146.674 χ^2 /NDF: 21.6/20

All: -67.483 $\pm$ 107.837 χ^2 /NDF: 48.7/39

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 351.591+/-0.179 χ^2/NDF : 30041.1/2

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 368.917+/-0.206 χ^2/NDF : 50789.6/1

Left: 359.066+/-0.135 χ^2/NDF : 84858.4/4

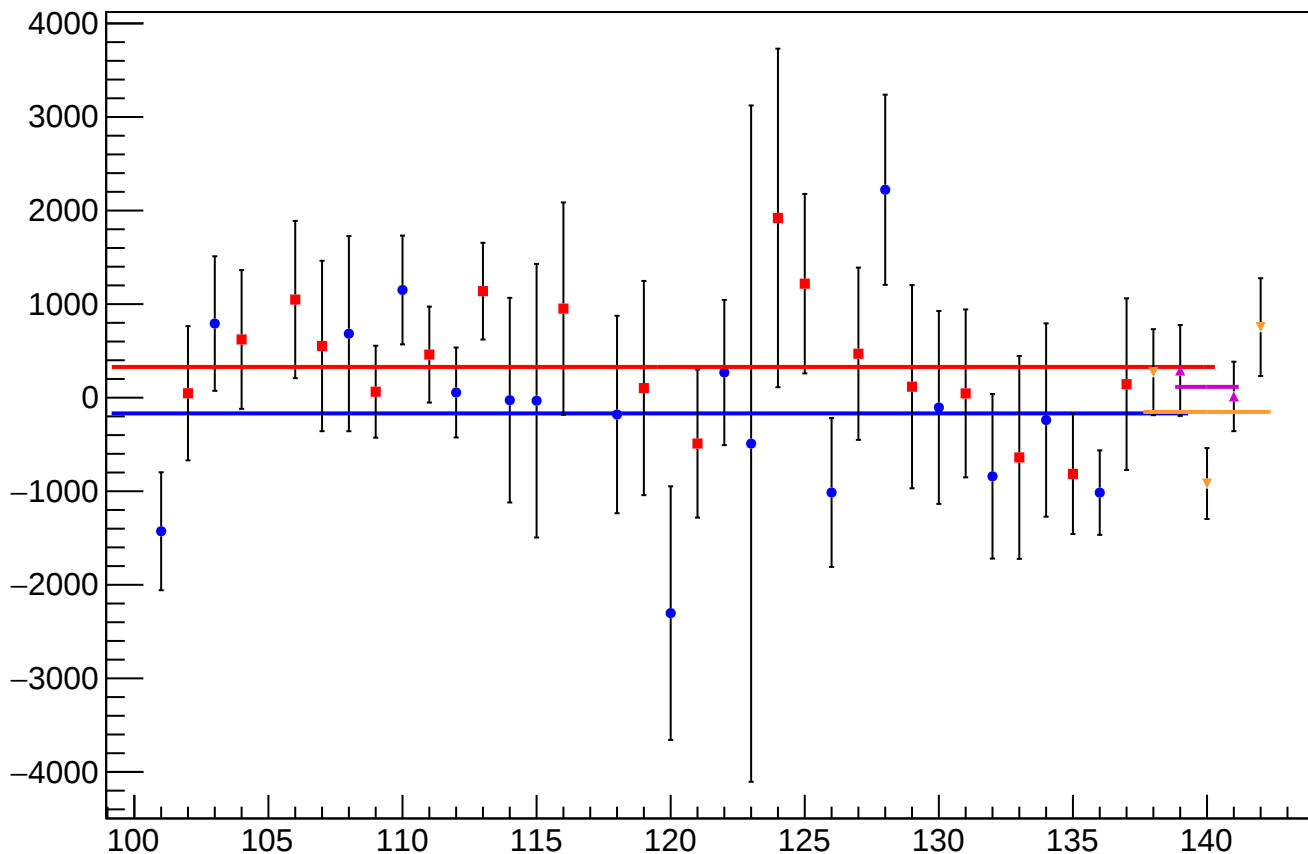
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 442.203+/-0.112 χ^2/NDF : 1146423.0/18

Out: 423.065+/-0.104 χ^2/NDF : 1274995.4/20

All: 431.858+/-0.076 χ^2/NDF : 2437062.5/39

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -152.523+/-255.187 χ^2/NDF : 7.9/2

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: 115.598+/-294.894 χ^2/NDF : 0.2/1

Left: -37.716+/-192.967 χ^2/NDF : 8.6/4

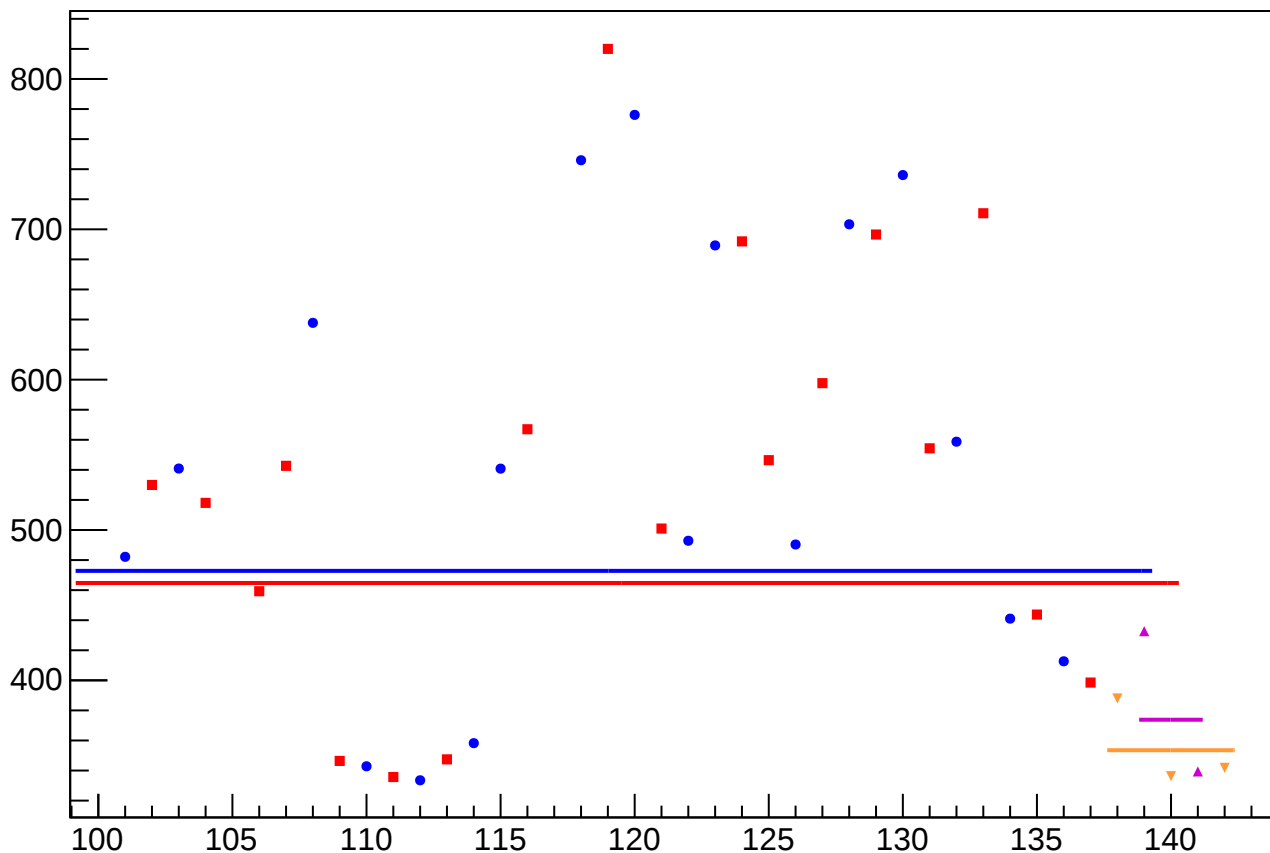
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -84.992+/-159.575 χ^2/NDF : 26.3/18

Out: 166.905+/-147.937 χ^2/NDF : 21.4/20

All: 50.476+/-108.489 χ^2/NDF : 49.0/39

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 353.519+/-0.180 χ^2/NDF : 16384.8/2

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 373.798+/-0.209 χ^2/NDF : 46582.7/1

Left: 362.202+/-0.136 χ^2/NDF : 68376.0/4

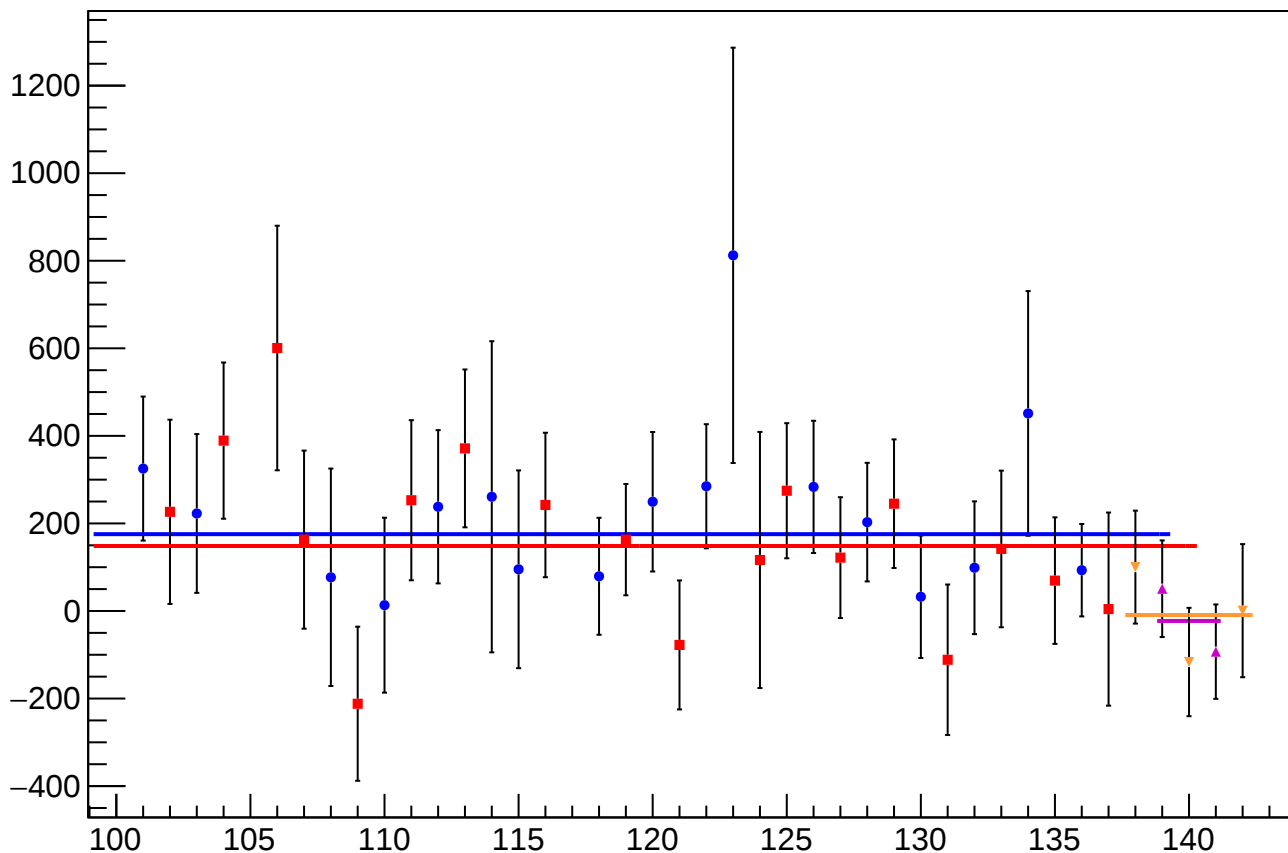
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 443.824+/-0.113 χ^2/NDF : 1102429.5/18

Out: 427.375+/-0.105 χ^2/NDF : 1183496.3/20

All: 434.978+/-0.077 χ^2/NDF : 2297355.1/39

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -9.248 $\pm$ 77.001 χ^2 /NDF:1.5/2

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -22.756 $\pm$ 77.123 χ^2 /NDF:0.9/1

Left: -15.992 $\pm$ 54.491 χ^2 /NDF: 2.4/4

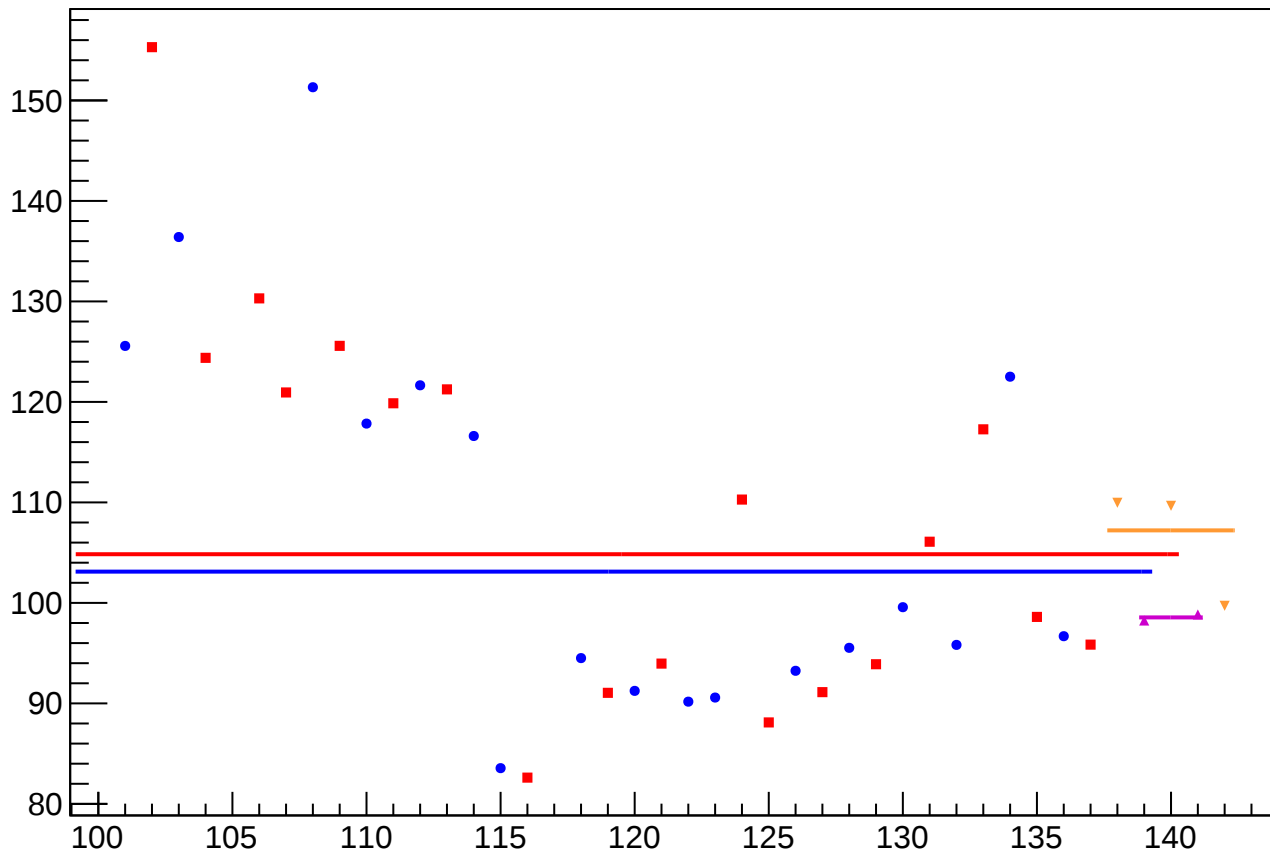
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 132.855 $\pm$ 35.758 χ^2 /NDF:14.6/18

Out: 114.496 $\pm$ 35.728 χ^2 /NDF:22.3/20

All: 123.667 $\pm$ 25.274 χ^2 /NDF: 37.0/39

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 107.217 $\pm$ 0.054 χ^2 /NDF:6560.7/2

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 98.556 $\pm$ 0.055 χ^2 /NDF:30.4/1

Left: 102.893 $\pm$ 0.039 χ^2 /NDF: 19222.1/4

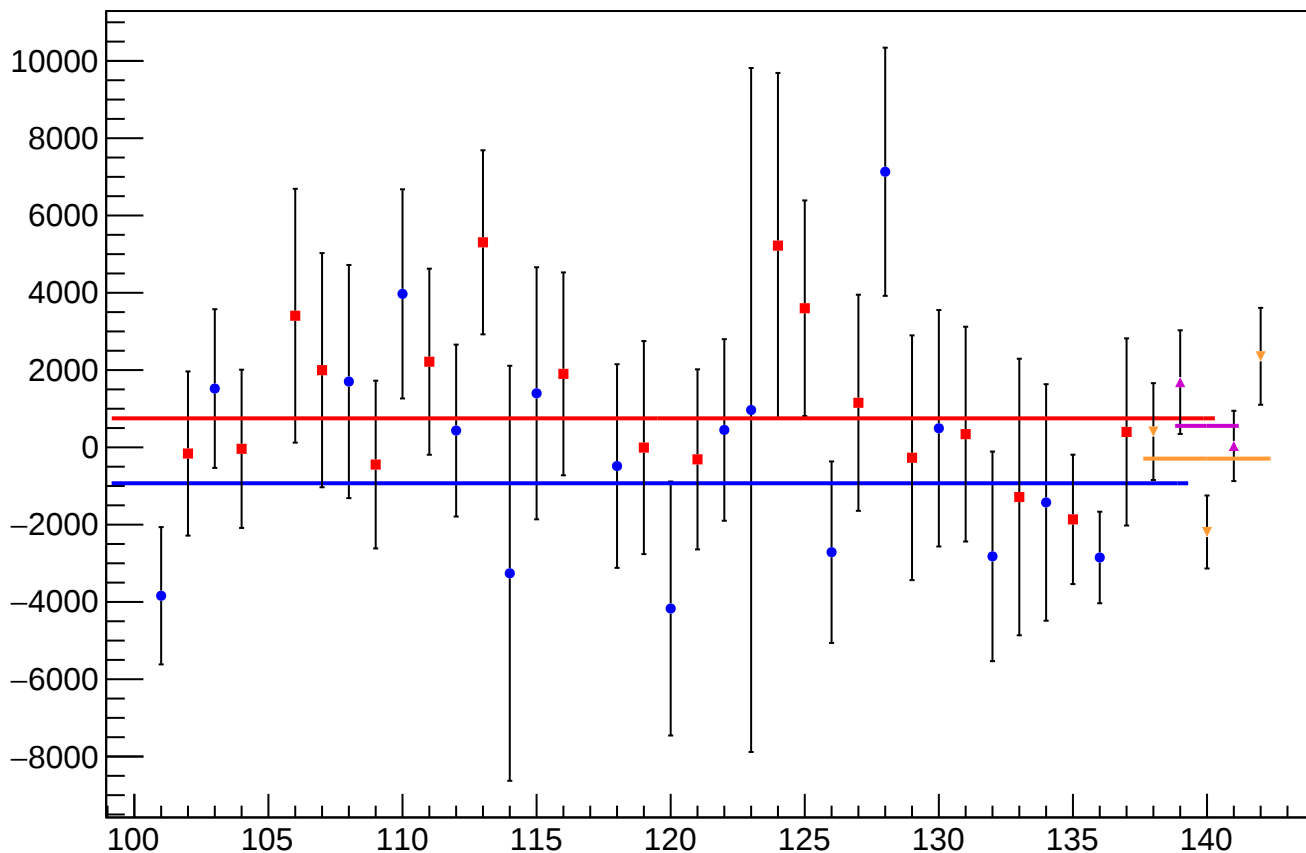
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.133 $\pm$ 0.025 χ^2 /NDF:311948.8/18

Out: 105.355 $\pm$ 0.025 χ^2 /NDF:376728.1/20

All: 103.745 $\pm$ 0.018 χ^2 /NDF: 696803.4/39

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -290.946 $\pm$ 646.201 χ^2 /NDF: 8.8/2

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 556.636 $\pm$ 752.778 χ^2 /NDF: 1.0/1

Left: 68.647 $\pm$ 490.322 χ^2 /NDF: 10.6/4

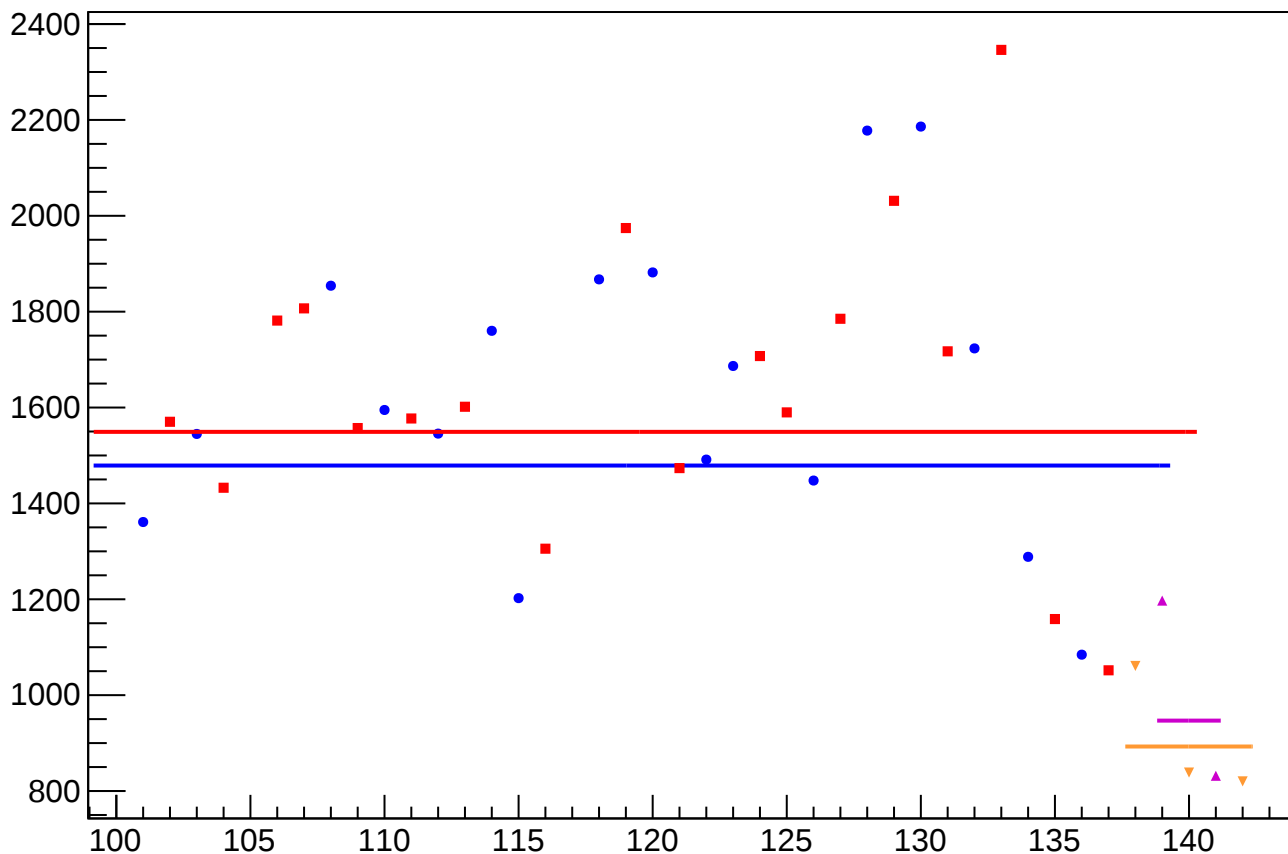
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -367.231 $\pm$ 462.885 χ^2 /NDF: 24.3/18

Out: 273.112 $\pm$ 437.696 χ^2 /NDF: 21.2/20

All: -29.163 $\pm$ 318.030 χ^2 /NDF: 46.5/39

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 892.847 $\pm$ 0.457 χ^2 /NDF: 49362.2/2

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 946.878 $\pm$ 0.532 χ^2 /NDF: 101669.5/1

Left: 915.770 $\pm$ 0.347 χ^2 /NDF: 156963.9/4

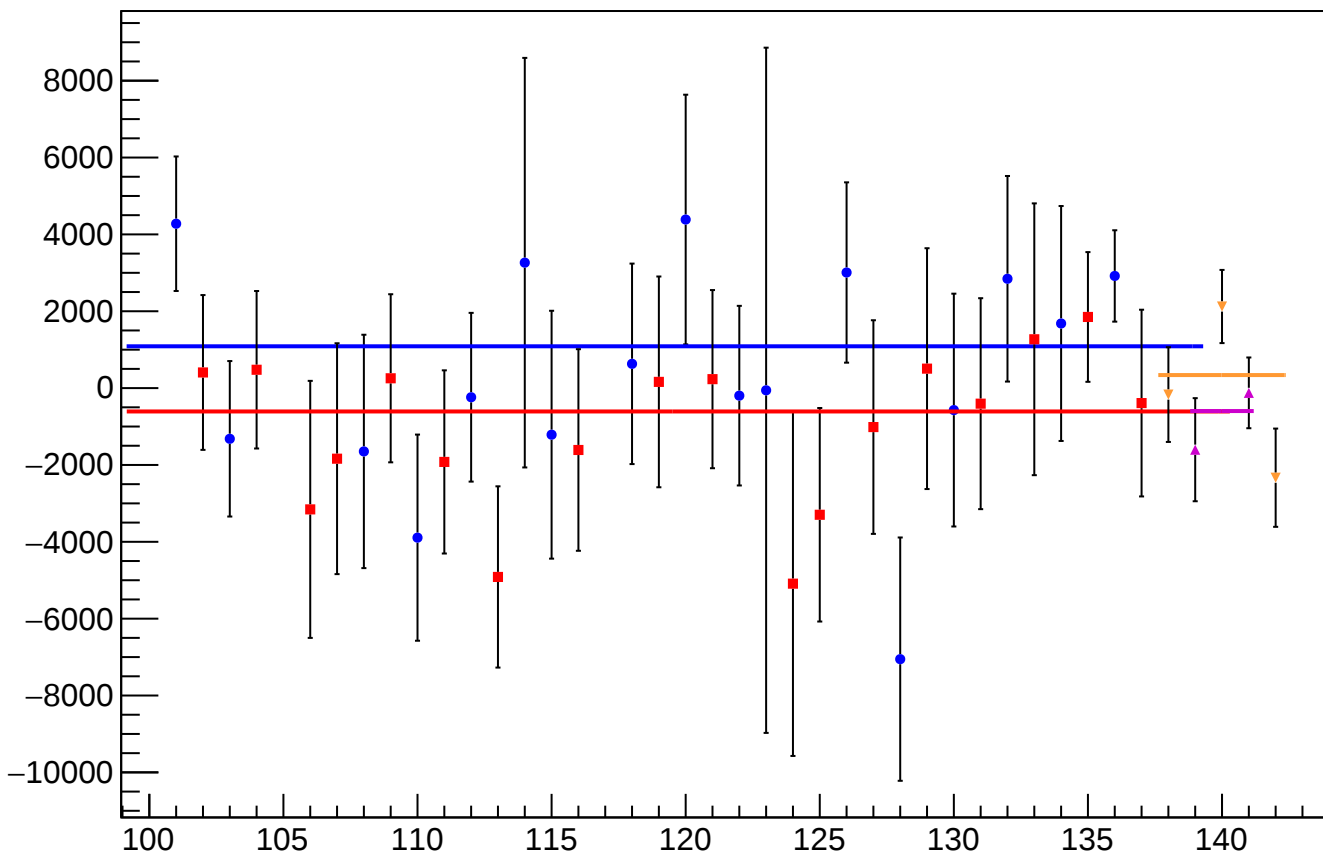
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1277.796 $\pm$ 0.327 χ^2 /NDF: 1312761.4/18

Out: 1248.111 $\pm$ 0.309 χ^2 /NDF: 1628851.3/20

All: 1262.124 $\pm$ 0.225 χ^2 /NDF: 2945955.5/39

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 339.262+/-649.158 χ^2/NDF : 8.0/2

Right Out: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: -597.234+/-758.937 χ^2/NDF : 0.8/1

Left: -56.416+/-493.314 χ^2/NDF : 9.8/4

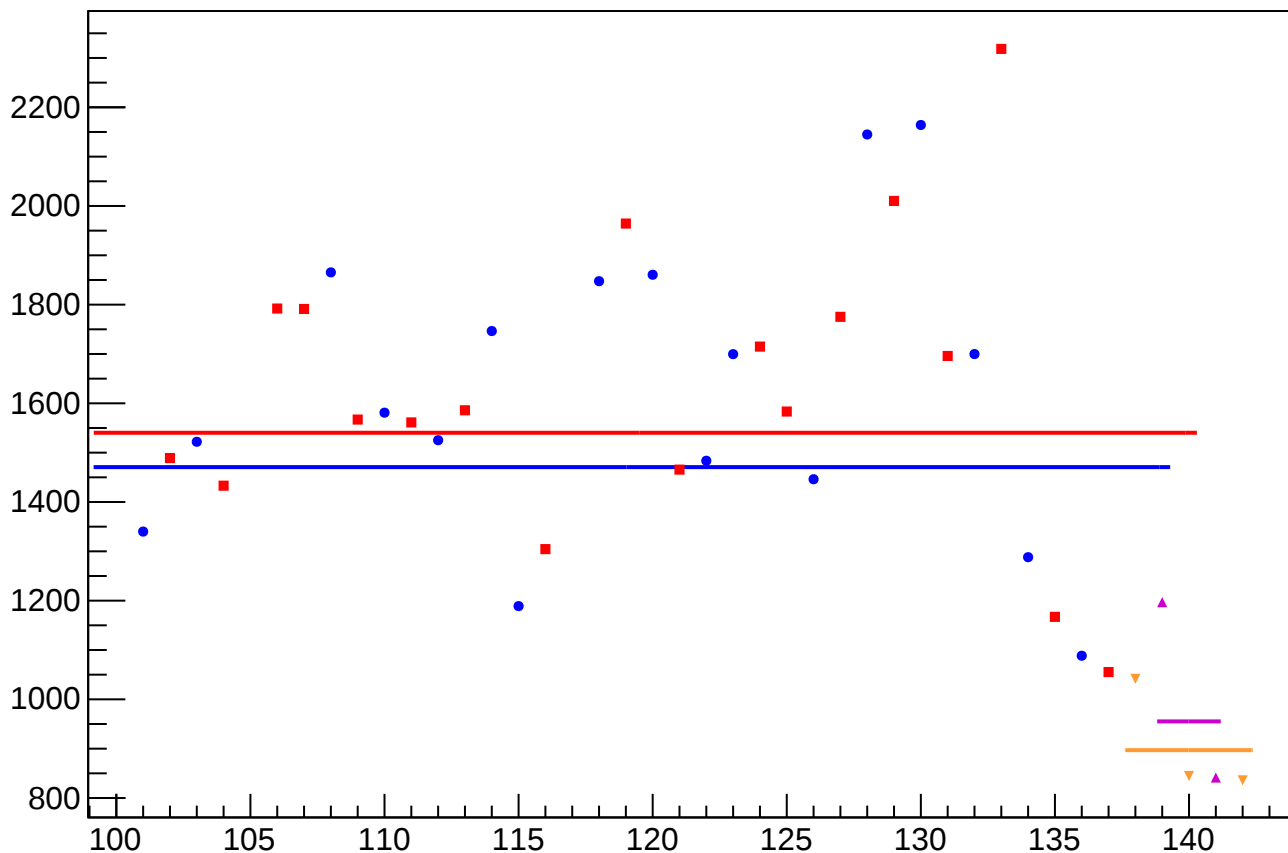
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 462.146+/-462.497 χ^2/NDF : 25.8/18

Out: -178.219+/-437.240 χ^2/NDF : 19.1/20

All: 124.002+/-317.729 χ^2/NDF : 45.9/39

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 896.977+/-0.459 χ^2/NDF : 38144.2/2

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 955.249+/-0.537 χ^2/NDF : 95501.9/1

Left: 921.598+/-0.349 χ^2/NDF : 140455.0/4

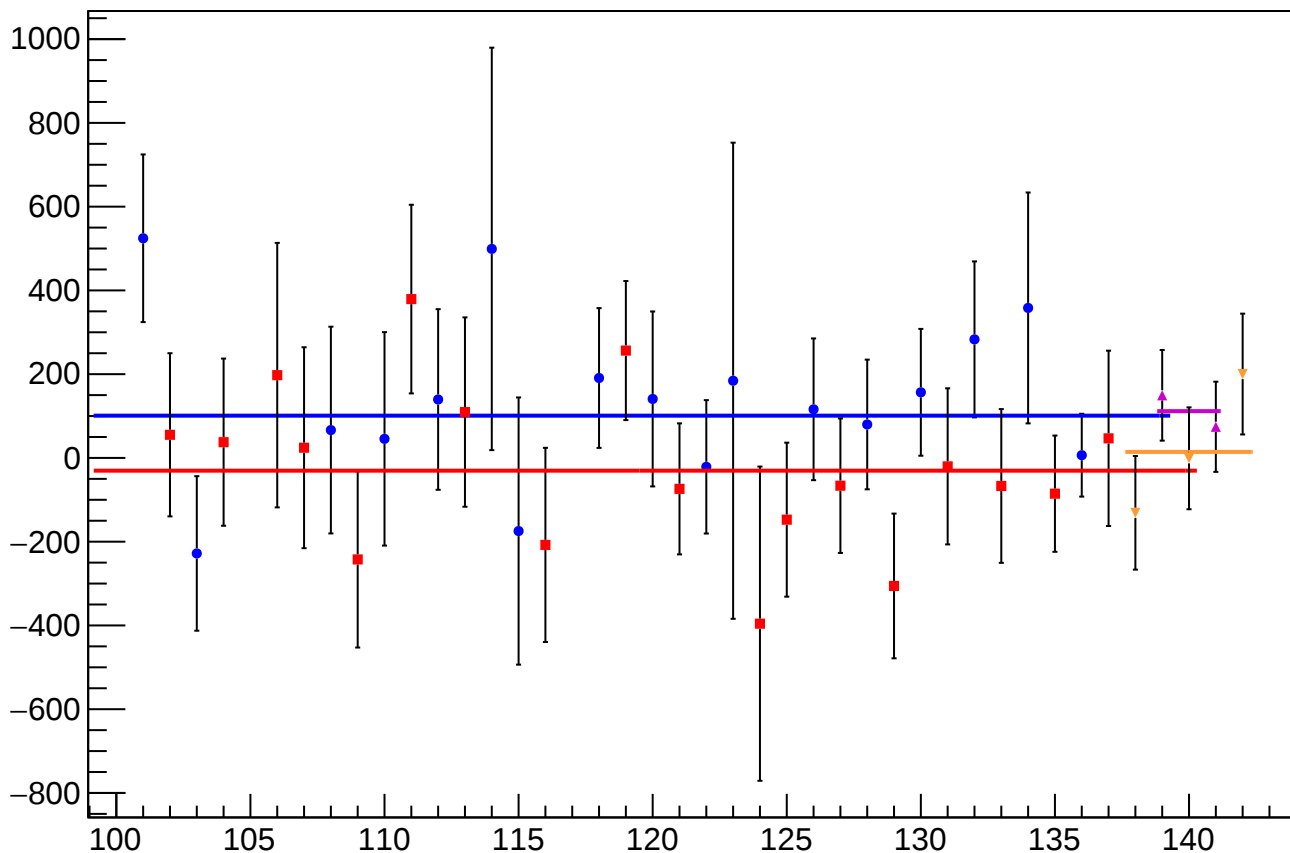
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1279.266+/-0.327 χ^2/NDF : 1243138.5/18

Out: 1248.467+/-0.309 χ^2/NDF : 1554191.2/20

All: 1263.003+/-0.225 χ^2/NDF : 2802012.9/39

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918+/-45.284 χ^2/NDF : 13.0/16

Left Out: 14.356+/-76.694 χ^2/NDF : 2.8/2

Right Out: -30.411+/-45.710 χ^2/NDF : 13.5/17

Left In: 111.732+/-76.331 χ^2/NDF : 0.2/1

Left: 63.275+/-54.102 χ^2/NDF : 3.9/4

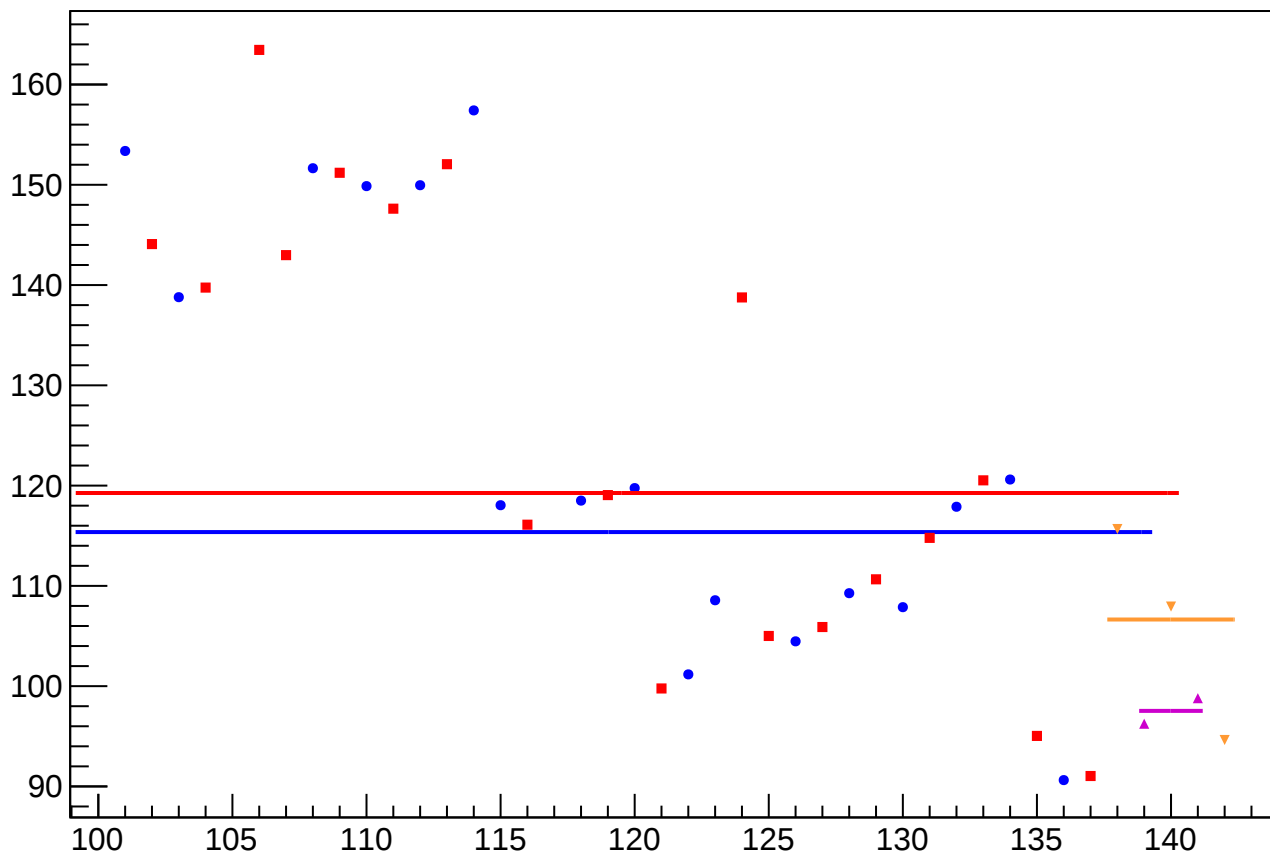
Right: 35.869+/-32.170 χ^2/NDF : 30.7/34

In: 103.733+/-38.946 χ^2/NDF : 13.3/18

Out: -18.677+/-39.265 χ^2/NDF : 16.6/20

All: 43.028+/-27.651 χ^2/NDF : 34.8/39

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 106.647 $\pm$ 0.054 χ^2/NDF : 22960.8/2

Right Out: 119.263 $\pm$ 0.032 χ^2/NDF : 398318.1/17

Left In: 97.534 $\pm$ 0.054 χ^2/NDF : 555.4/1

Left: 102.069 $\pm$ 0.038 χ^2/NDF : 37700.8/4

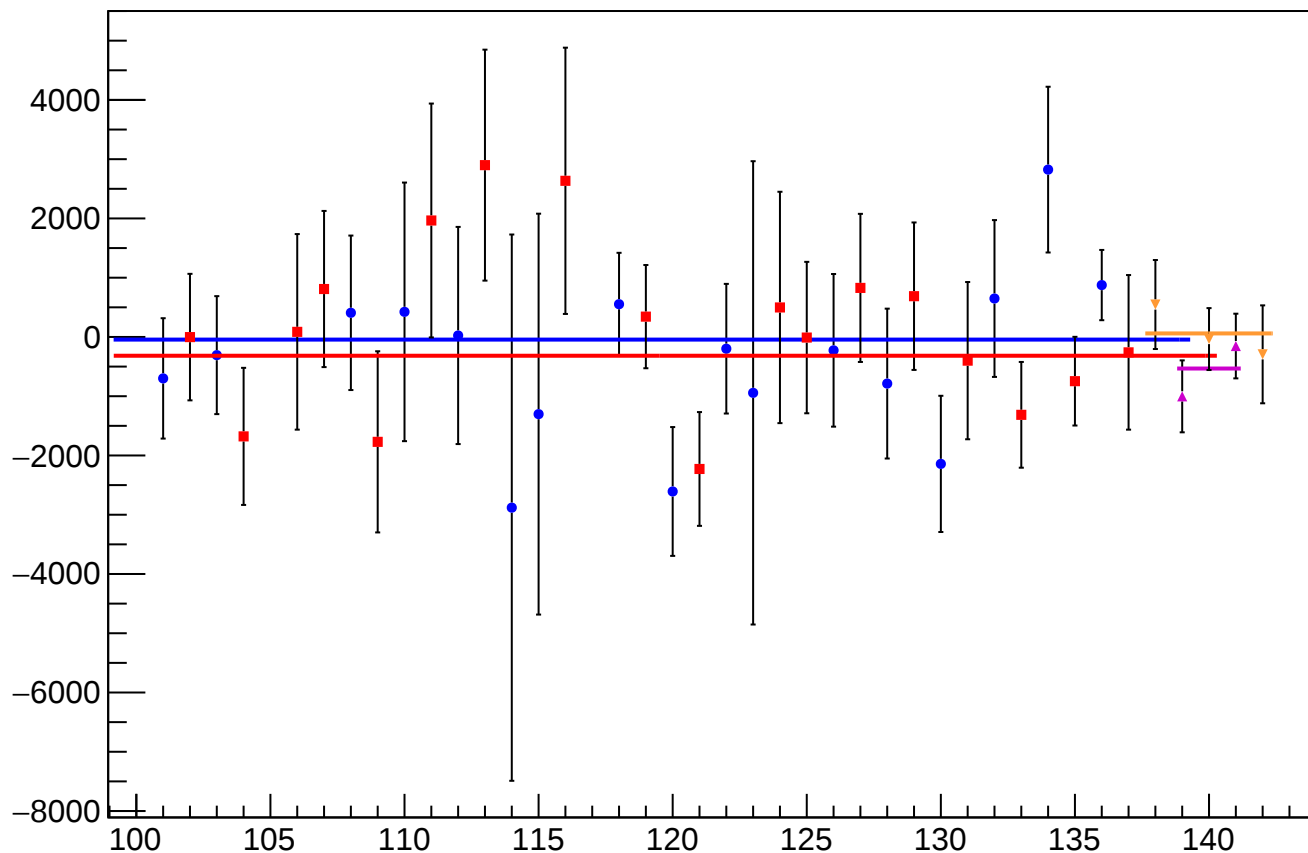
Right: 117.296 $\pm$ 0.023 χ^2/NDF : 817014.4/34

In: 110.724 $\pm$ 0.028 χ^2/NDF : 492657.6/18

Out: 115.956 $\pm$ 0.028 χ^2/NDF : 461213.2/20

All: 113.319 $\pm$ 0.020 χ^2/NDF : 971768.7/39

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 59.468 ± 380.649 χ^2/NDF : 0.6/2

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -532.811 ± 405.796 χ^2/NDF : 1.1/1

Left: -217.753 ± 277.624 χ^2/NDF : 2.9/4

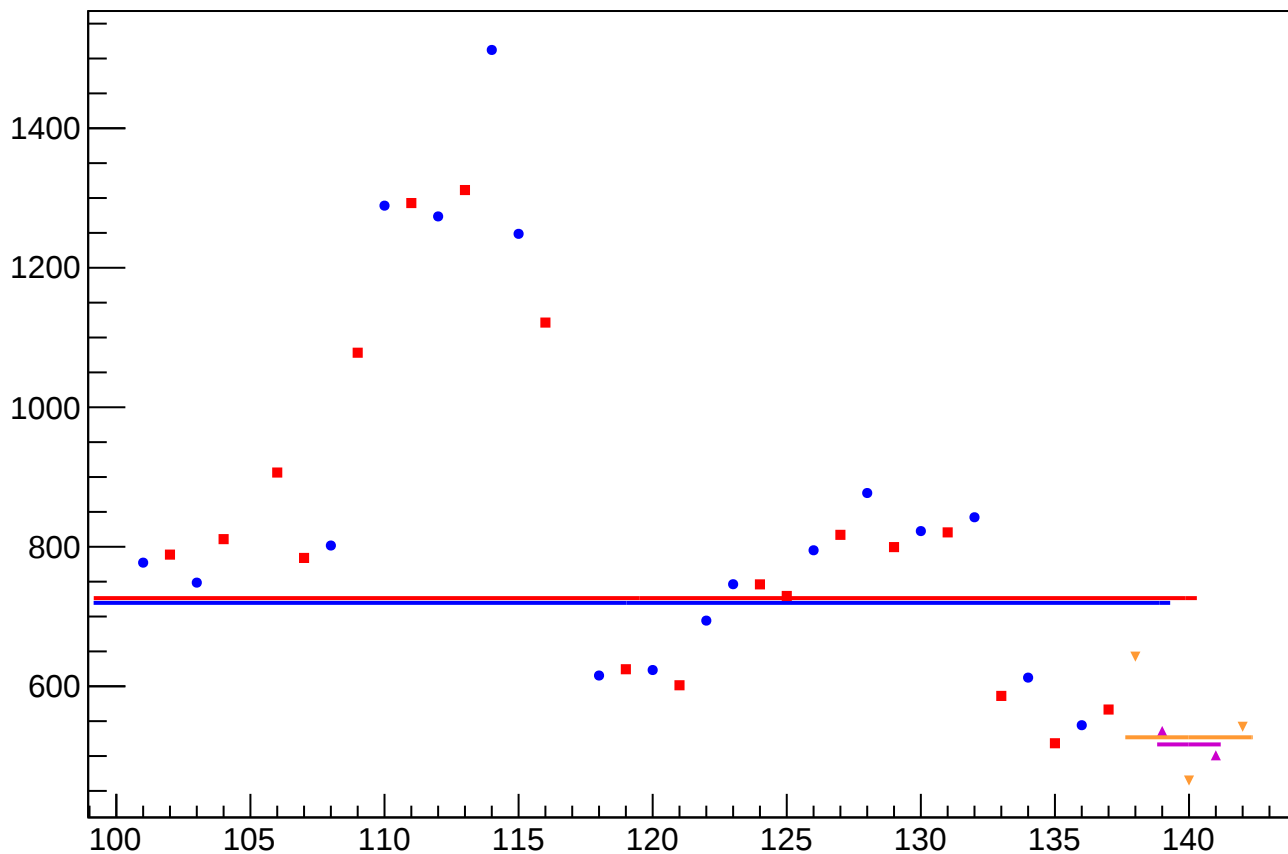
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -206.808 ± 233.928 χ^2/NDF : 19.9/18

Out: -182.902 ± 227.169 χ^2/NDF : 18.1/20

All: -194.505 ± 162.970 χ^2/NDF : 38.0/39

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 526.856 $\pm$ 0.269 χ^2 /NDF: 76230.4/2

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.646 $\pm$ 0.287 χ^2 /NDF: 3649.8/1

Left: 522.077 $\pm$ 0.196 χ^2 /NDF: 80553.6/4

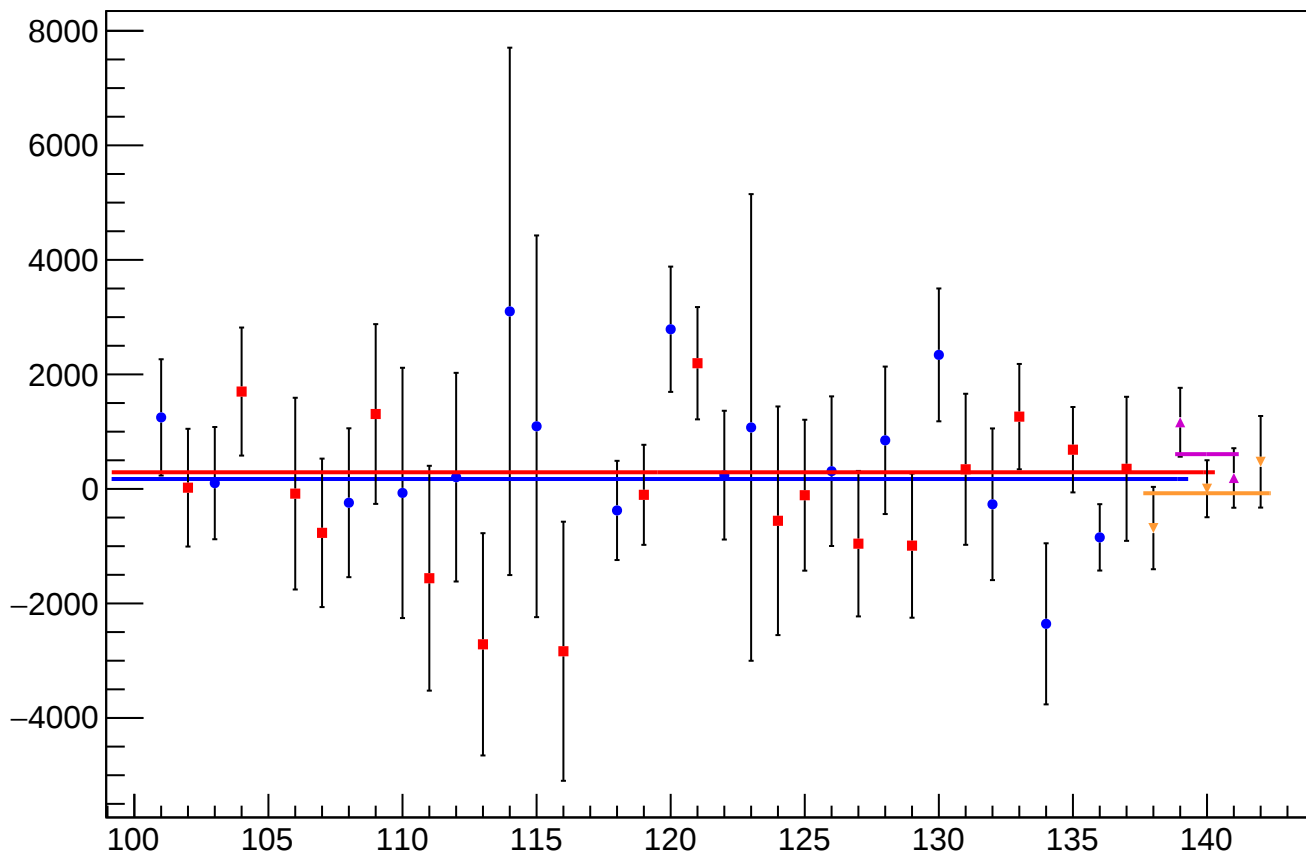
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 652.159 $\pm$ 0.165 χ^2 /NDF: 1084643.2/18

Out: 655.328 $\pm$ 0.161 χ^2 /NDF: 1311073.0/20

All: 653.790 $\pm$ 0.115 χ^2 /NDF: 2395905.1/39

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -75.385 $\pm$ 364.343 χ^2 /NDF:1.2/2

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 607.320 $\pm$ 393.272 χ^2 /NDF:1.5/1

Left: 239.937 $\pm$ 267.272 χ^2 /NDF: 4.3/4

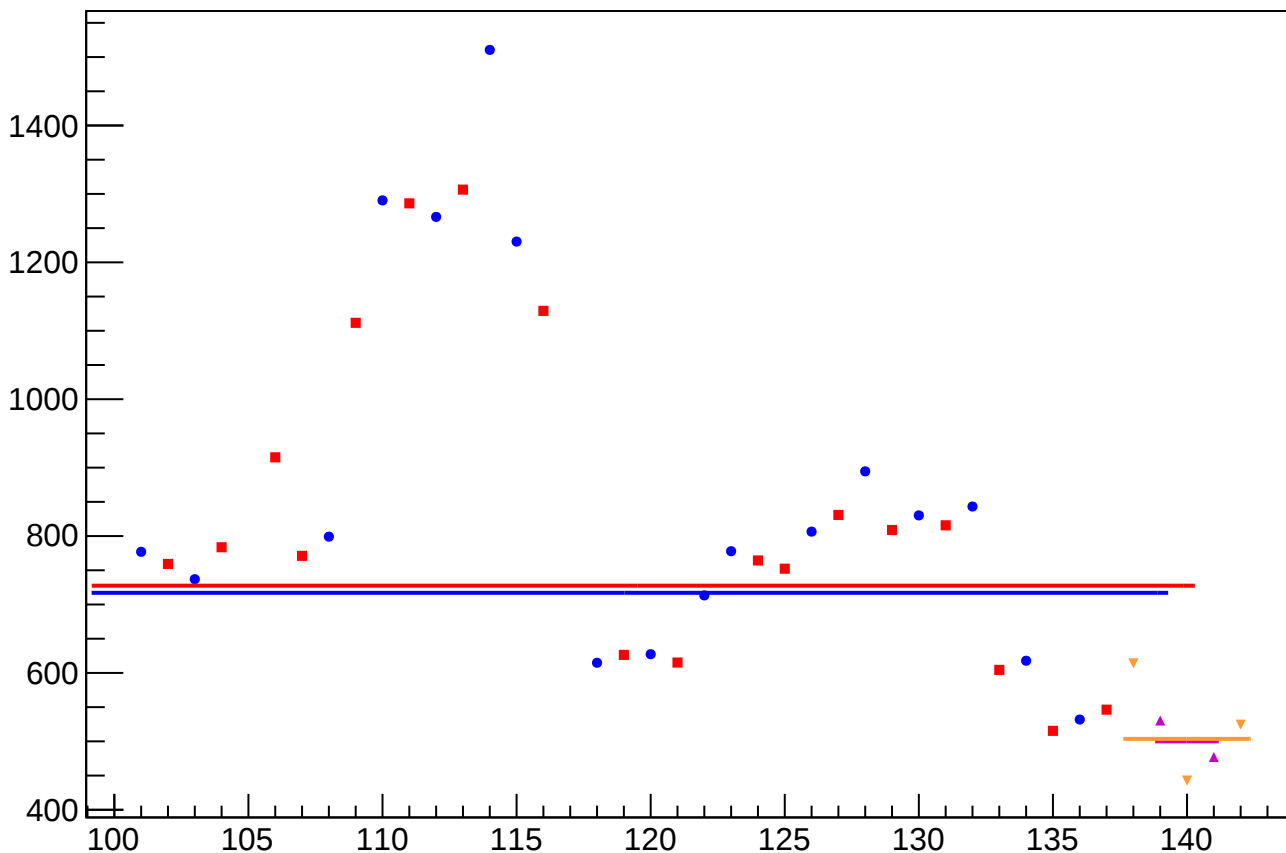
Right: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

In: 152.674 $\pm$ 223.767 χ^2 /NDF:17.5/20

Out: 235.146 $\pm$ 160.767 χ^2 /NDF: 38.2/39

All: 235.146 $\pm$ 160.767 χ^2 /NDF: 38.2/39

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 503.633+/-0.258 χ^2/NDF : 78398.4/2

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 499.960+/-0.278 χ^2/NDF : 9002.2/1

Left: 501.936+/-0.189 χ^2/NDF : 87494.5/4

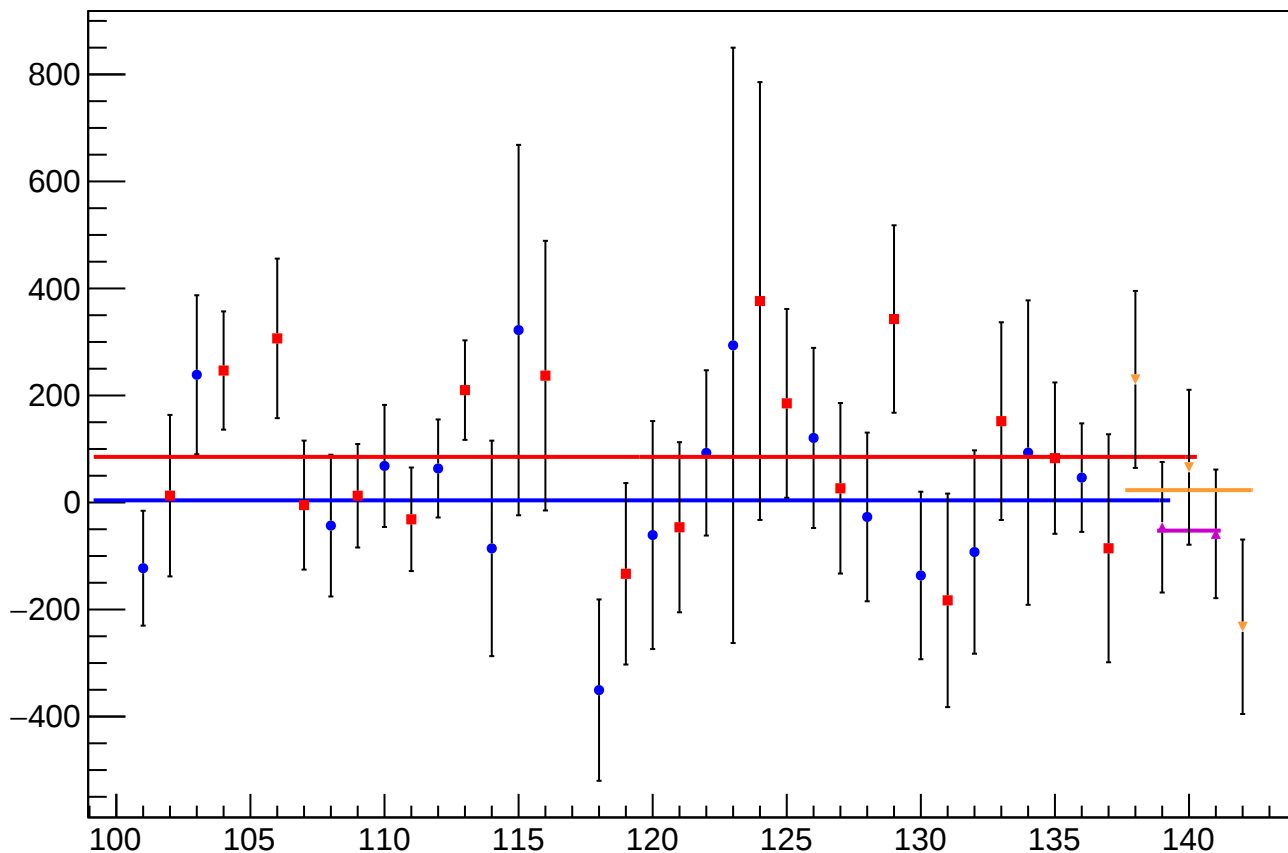
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 642.088+/-0.163 χ^2/NDF : 1190504.7/18

Out: 643.051+/-0.158 χ^2/NDF : 1429653.0/20

All: 642.585+/-0.114 χ^2/NDF : 2620175.6/39

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 23.107 ± 90.567 $\chi^2/\text{NDF}: 4.1/2$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: -52.513 ± 85.614 $\chi^2/\text{NDF}: 0.0/1$

Left: -16.827 ± 62.216 $\chi^2/\text{NDF}: 4.5/4$

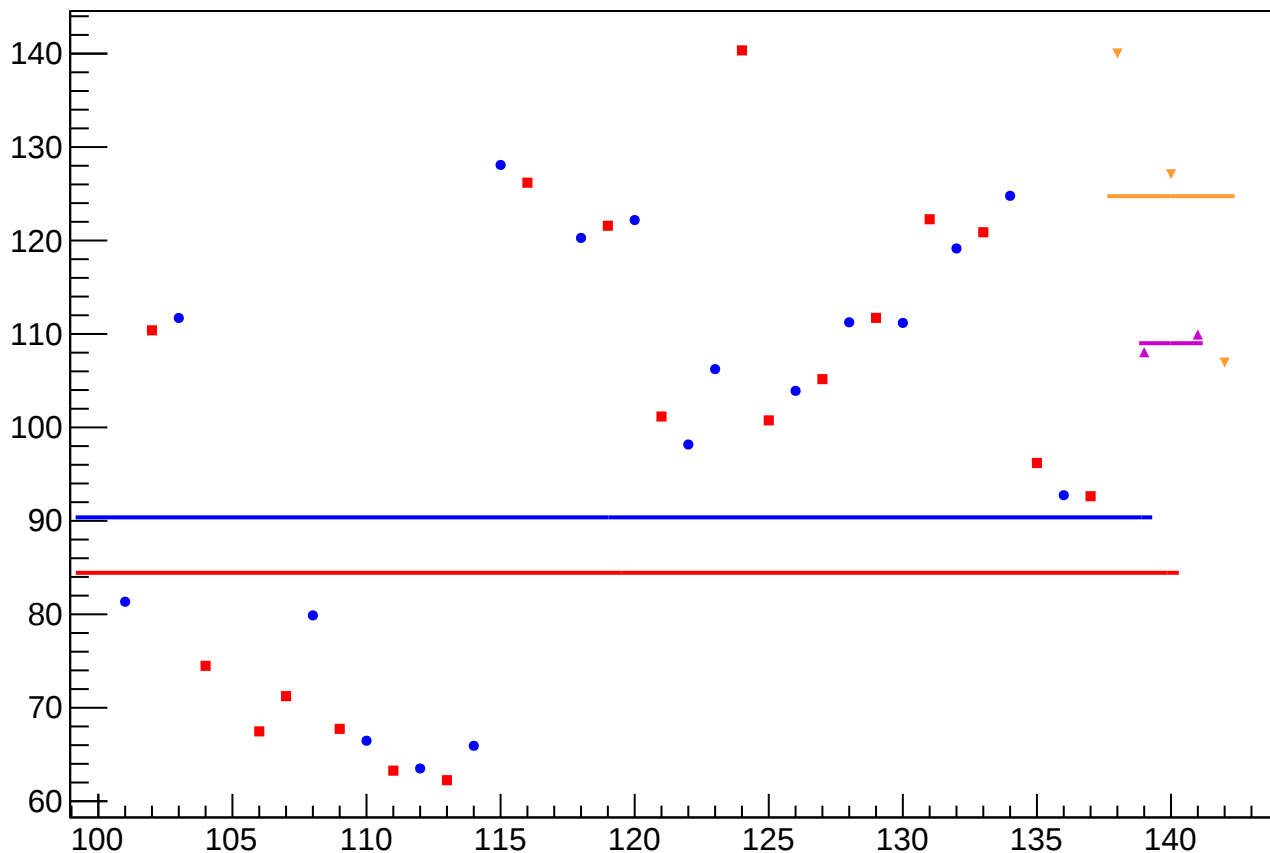
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -4.461 ± 33.147 $\chi^2/\text{NDF}: 13.1/18$

Out: 77.766 ± 31.348 $\chi^2/\text{NDF}: 21.9/20$

All: 38.944 ± 22.776 $\chi^2/\text{NDF}: 38.2/39$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 124.746 $\pm$ 0.064 χ^2/NDF : 41439.7/2

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 109.010 $\pm$ 0.061 χ^2/NDF : 243.4/1

Left: 116.436 $\pm$ 0.044 χ^2/NDF : 73568.1/4

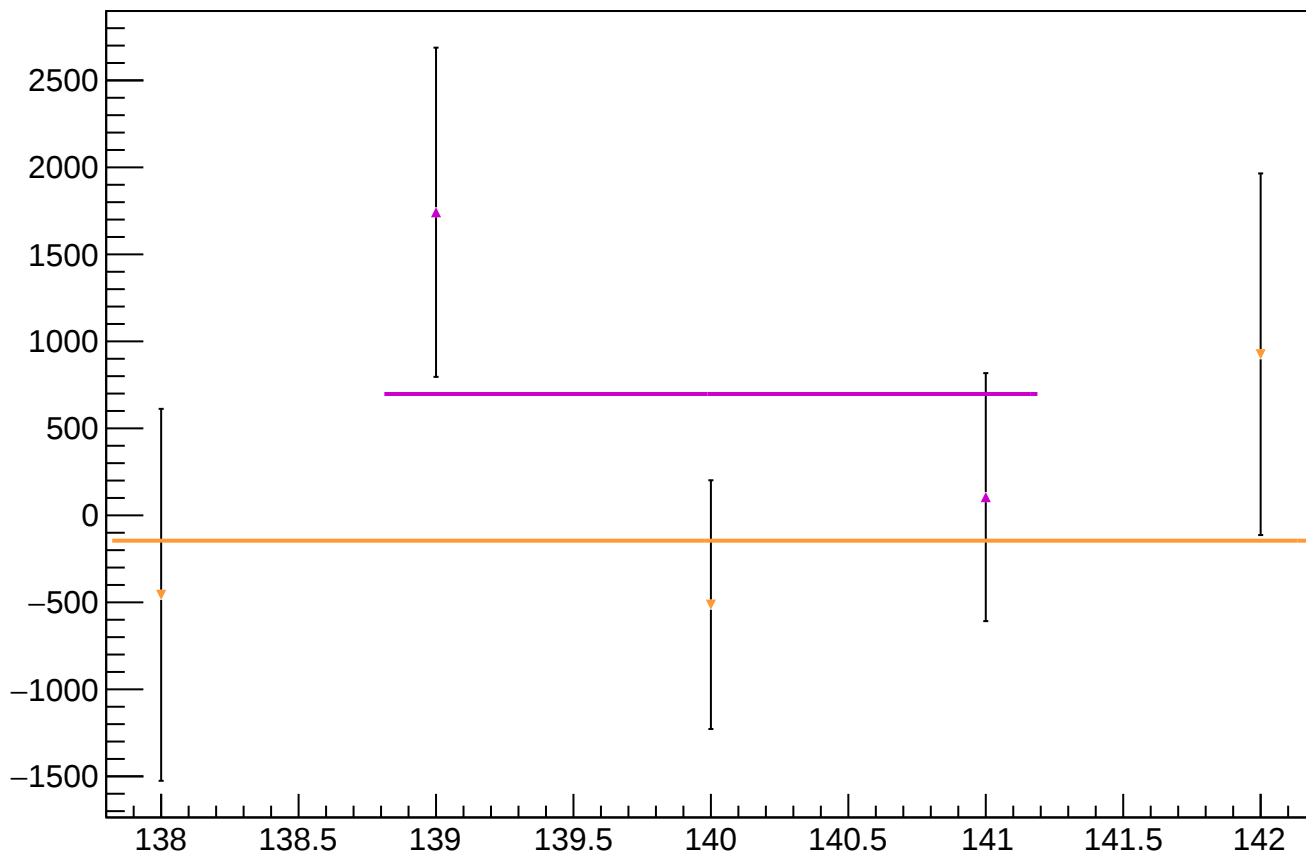
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 93.168 $\pm$ 0.023 χ^2/NDF : 734932.0/18

Out: 89.270 $\pm$ 0.022 χ^2/NDF : 1260906.1/20

All: 91.111 $\pm$ 0.016 χ^2/NDF : 2010437.8/39

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -145.470+/-515.858 χ^2/NDF :1.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 697.532+/-569.240 χ^2/NDF :1.9/1

Left: 234.659+/-382.249 χ^2/NDF : 4.5/4

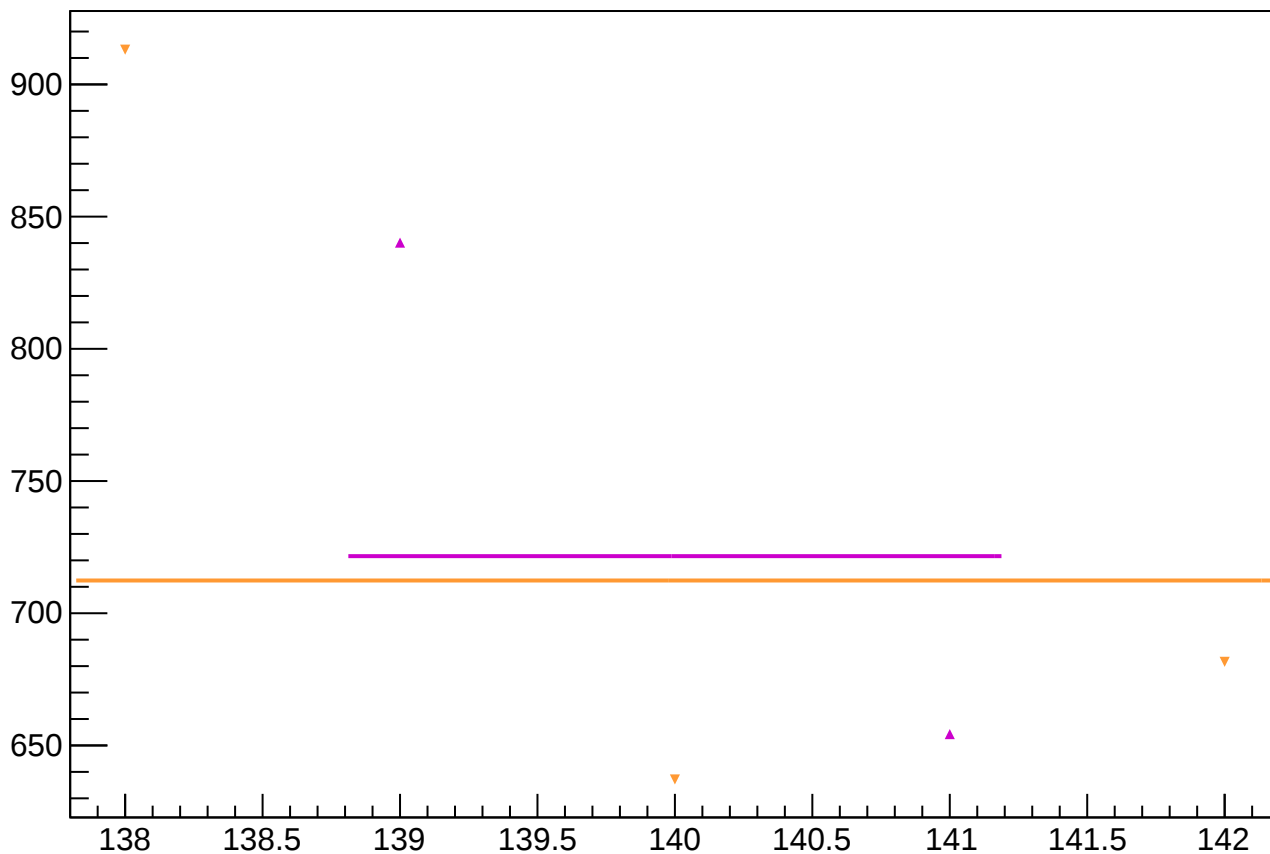
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.532+/-569.240 χ^2/NDF :1.9/1

Out: -145.470+/-515.858 χ^2/NDF :1.4/2

All: 234.659+/-382.249 χ^2/NDF : 4.5/4

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 712.387+/-0.365 χ^2/NDF :94465.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Left: 716.538+/-0.270 χ^2/NDF : 144007.9/4

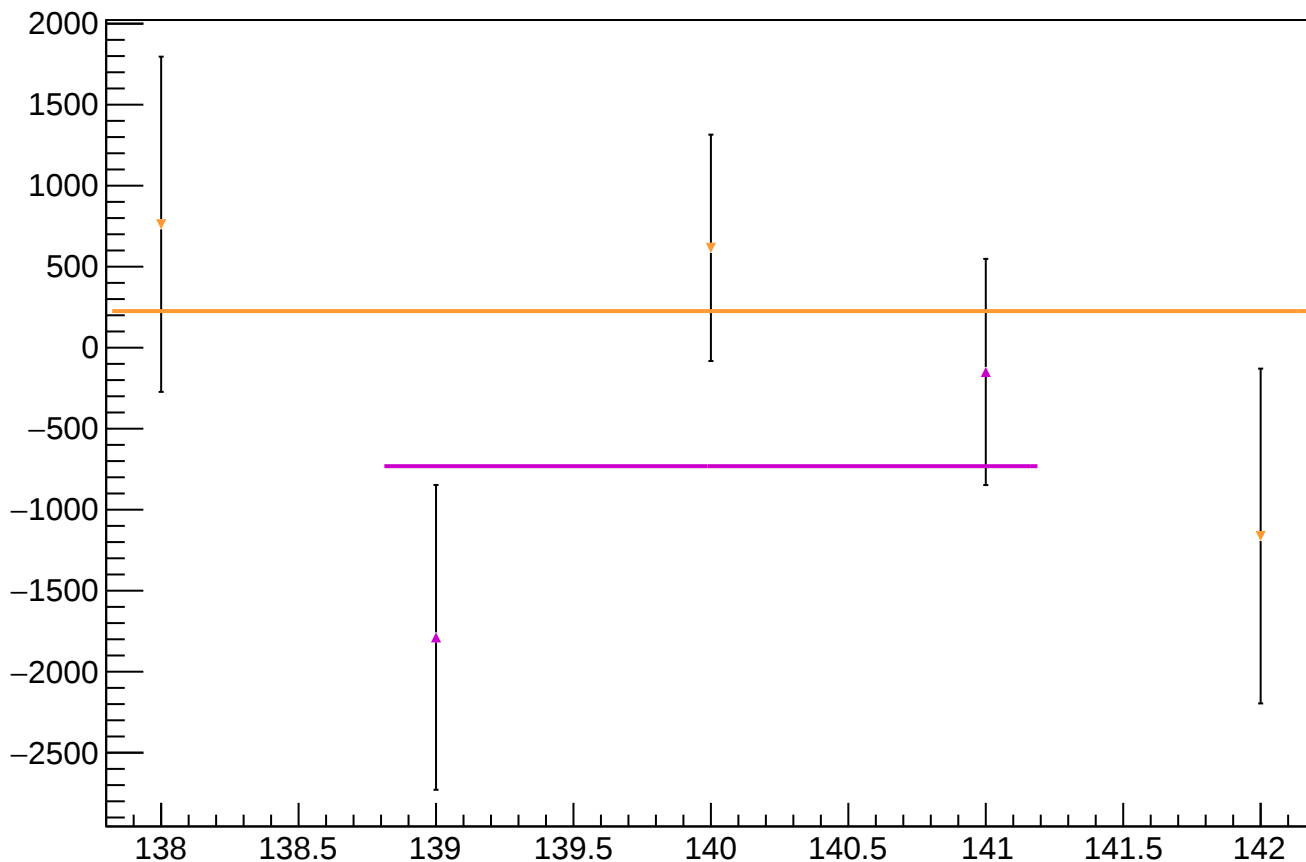
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Out: 712.387+/-0.365 χ^2/NDF :94465.5/2

All: 716.538+/-0.270 χ^2/NDF : 144007.9/4

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 225.847+/-505.110 χ^2/NDF : 2.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -731.501+/-560.607 χ^2/NDF : 2.0/1

Left: -203.109+/-375.258 χ^2/NDF : 6.0/4

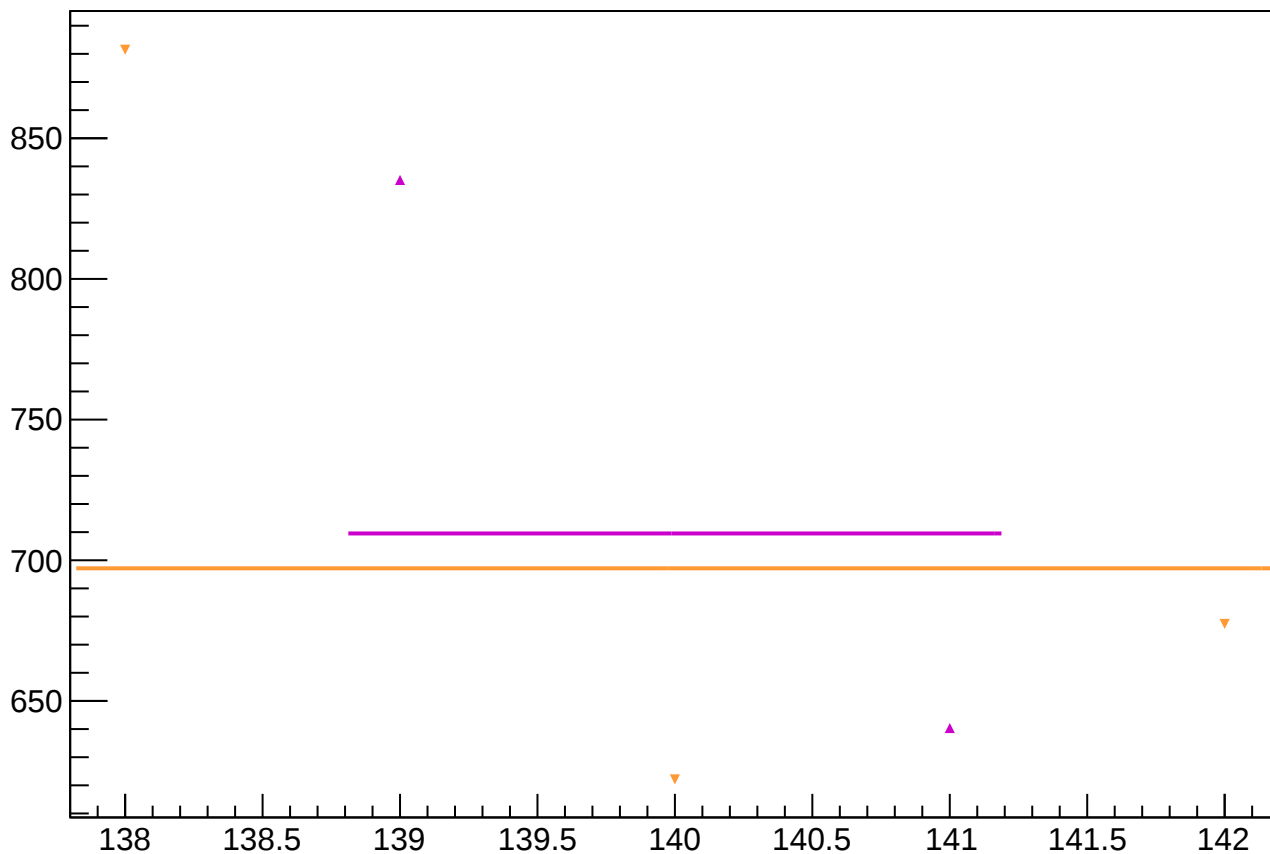
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -731.501+/-560.607 χ^2/NDF : 2.0/1

Out: 225.847+/-505.110 χ^2/NDF : 2.4/2

All: -203.109+/-375.258 χ^2/NDF : 6.0/4

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 697.141+/-0.357 χ^2/NDF : 87288.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Left: 702.693+/-0.265 χ^2/NDF : 143123.8/4

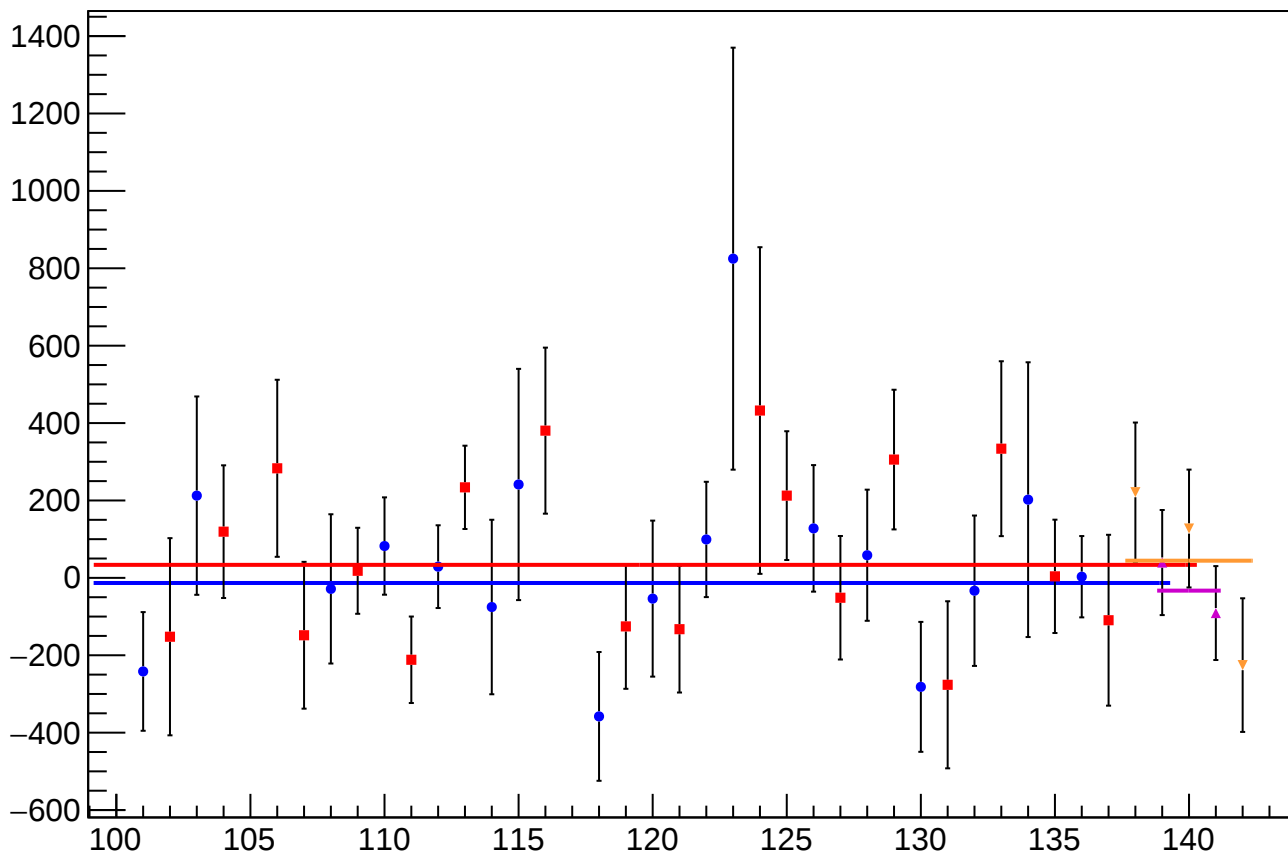
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Out: 697.141+/-0.357 χ^2/NDF : 87288.8/2

All: 702.693+/-0.265 χ^2/NDF : 143123.8/4

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215+/-40.554 χ^2/NDF : 15.7/16

Left Out: 44.401+/-96.421 χ^2/NDF : 3.7/2

Right Out: 33.637+/-38.891 χ^2/NDF : 24.7/17

Left In: -32.979+/-90.471 χ^2/NDF : 0.5/1

Left: 3.250+/-65.976 χ^2/NDF : 4.6/4

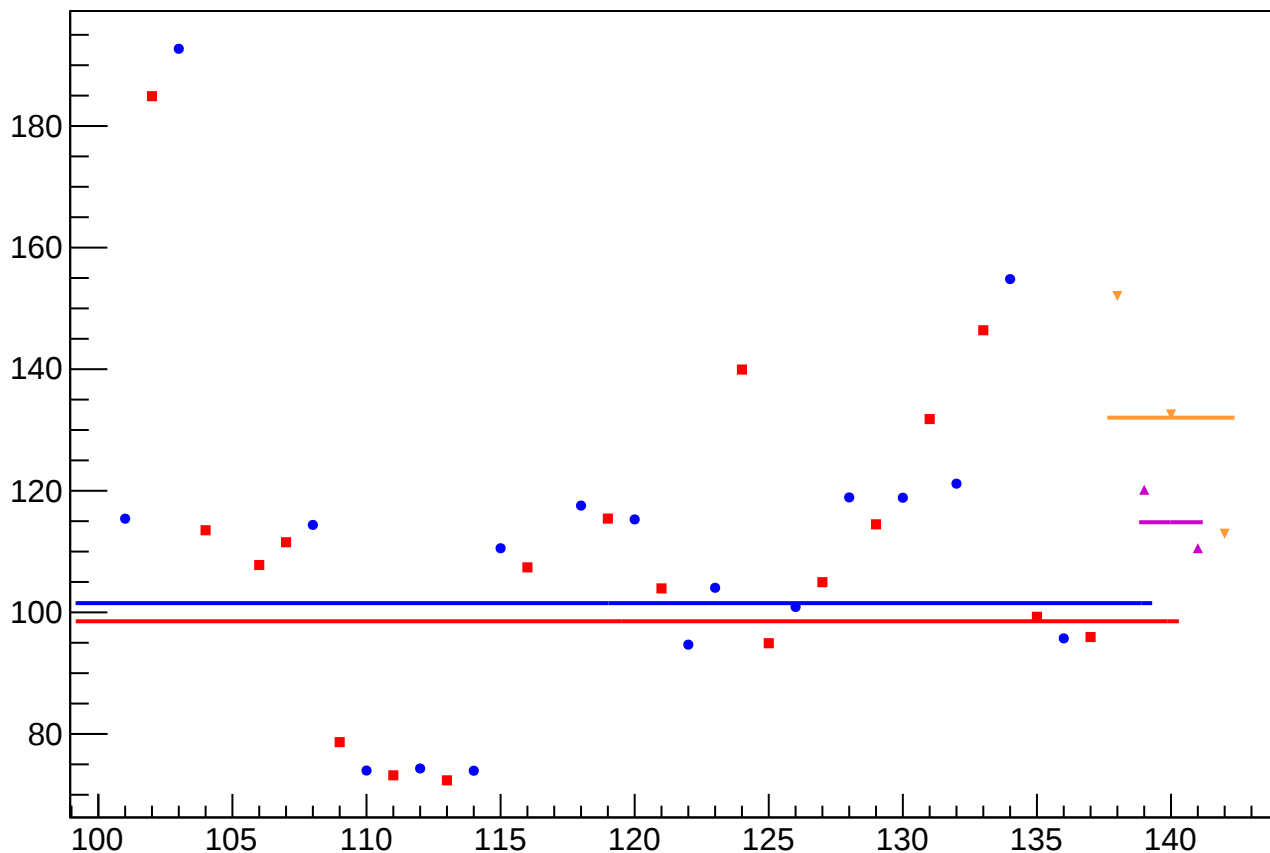
Right: 11.191+/-28.070 χ^2/NDF : 41.1/34

In: -16.522+/-37.006 χ^2/NDF : 16.2/18

Out: 35.143+/-36.068 χ^2/NDF : 28.4/20

All: 9.974+/-25.829 χ^2/NDF : 45.7/39

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 132.027 $\pm$ 0.068 χ^2/NDF : 49200.9/2

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 114.826 $\pm$ 0.064 χ^2/NDF : 5568.9/1

Left: 122.879 $\pm$ 0.047 χ^2/NDF : 88615.3/4

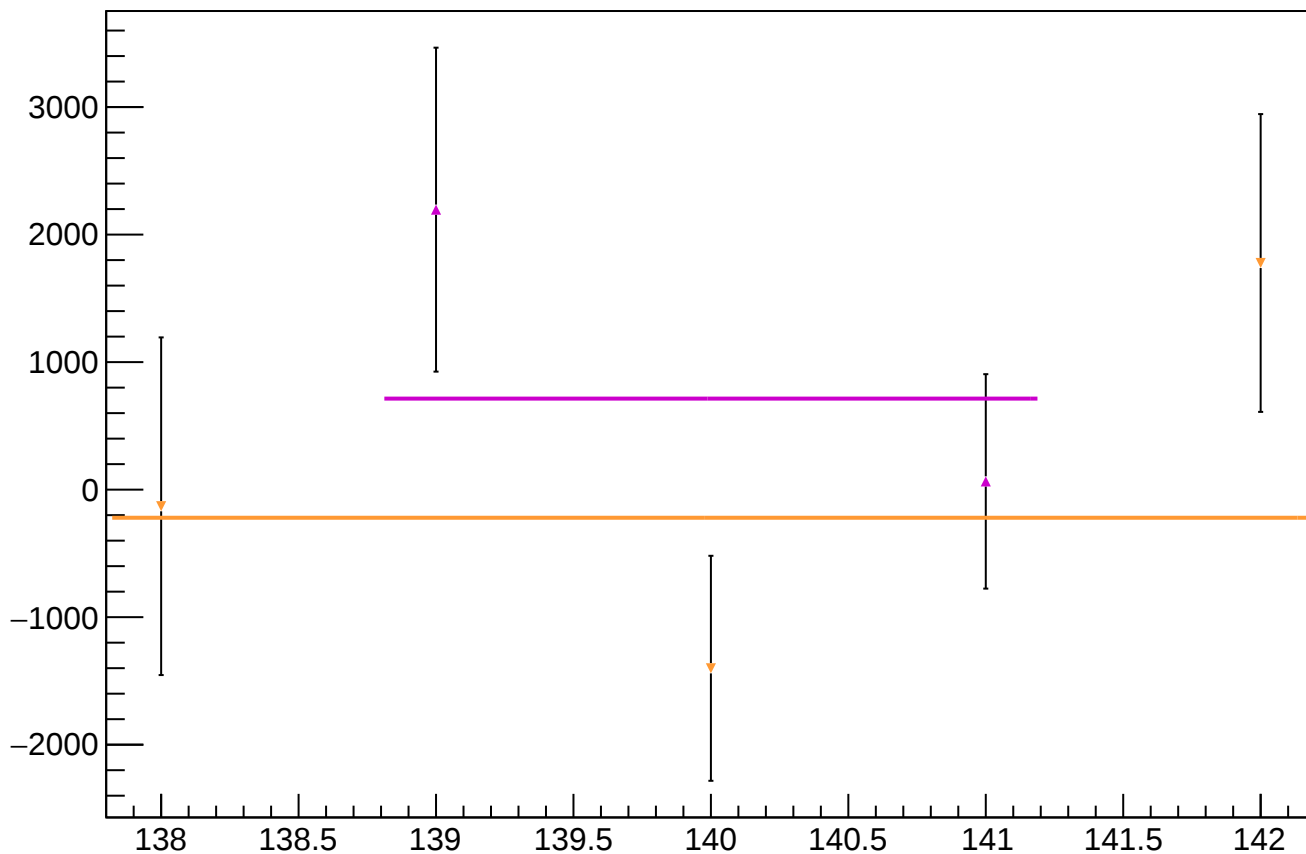
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 103.746 $\pm$ 0.026 χ^2/NDF : 723314.0/18

Out: 103.223 $\pm$ 0.026 χ^2/NDF : 1003697.9/20

All: 103.477 $\pm$ 0.018 χ^2/NDF : 1727216.8/39

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -220.410+/-621.497 χ^2/NDF :4.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.883+/-701.101 χ^2/NDF :2.0/1

Left: 190.707+/-465.074 χ^2/NDF : 7.7/4

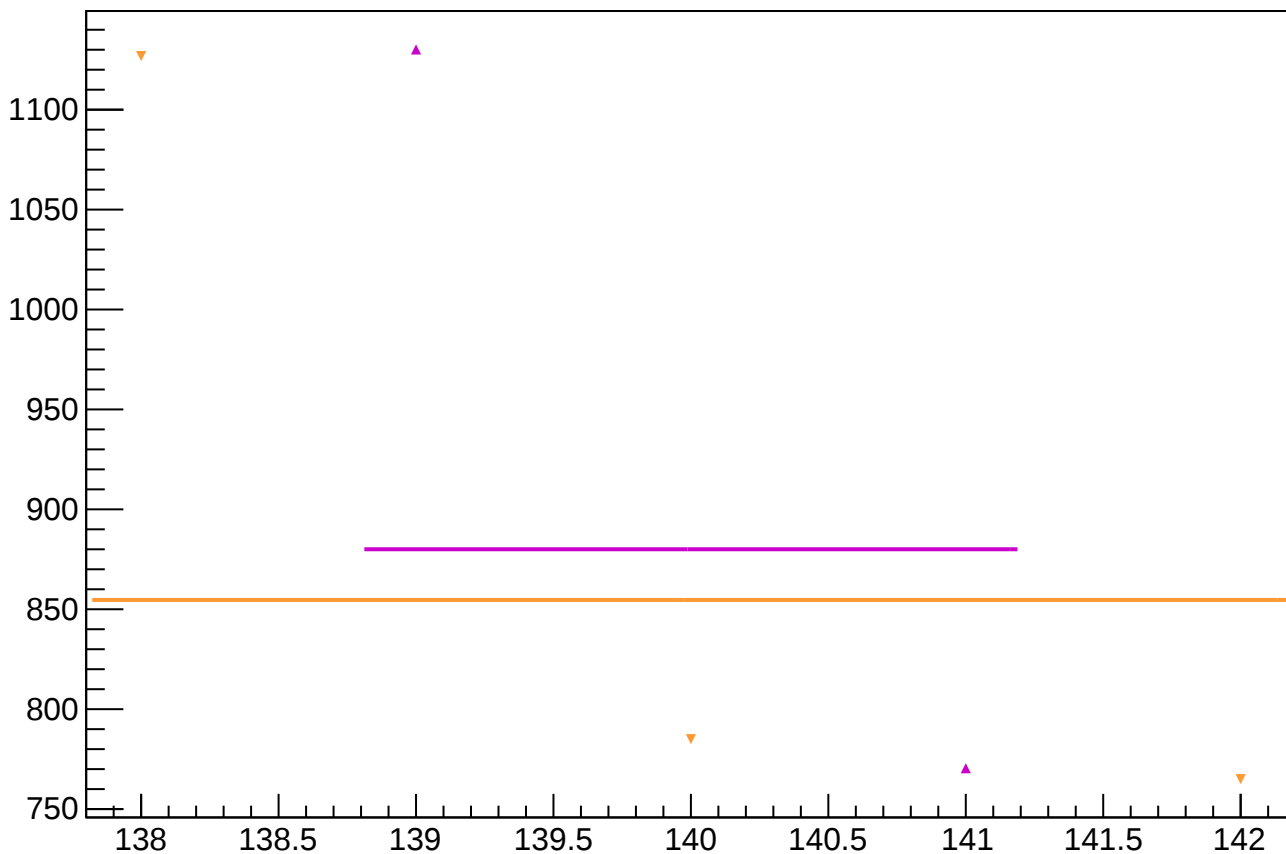
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.883+/-701.101 χ^2/NDF :2.0/1

Out: -220.410+/-621.497 χ^2/NDF :4.7/2

All: 190.707+/-465.074 χ^2/NDF : 7.7/4

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 854.654+/-0.439 χ^2/NDF :108805.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Left: 865.818+/-0.329 χ^2/NDF : 221792.3/4

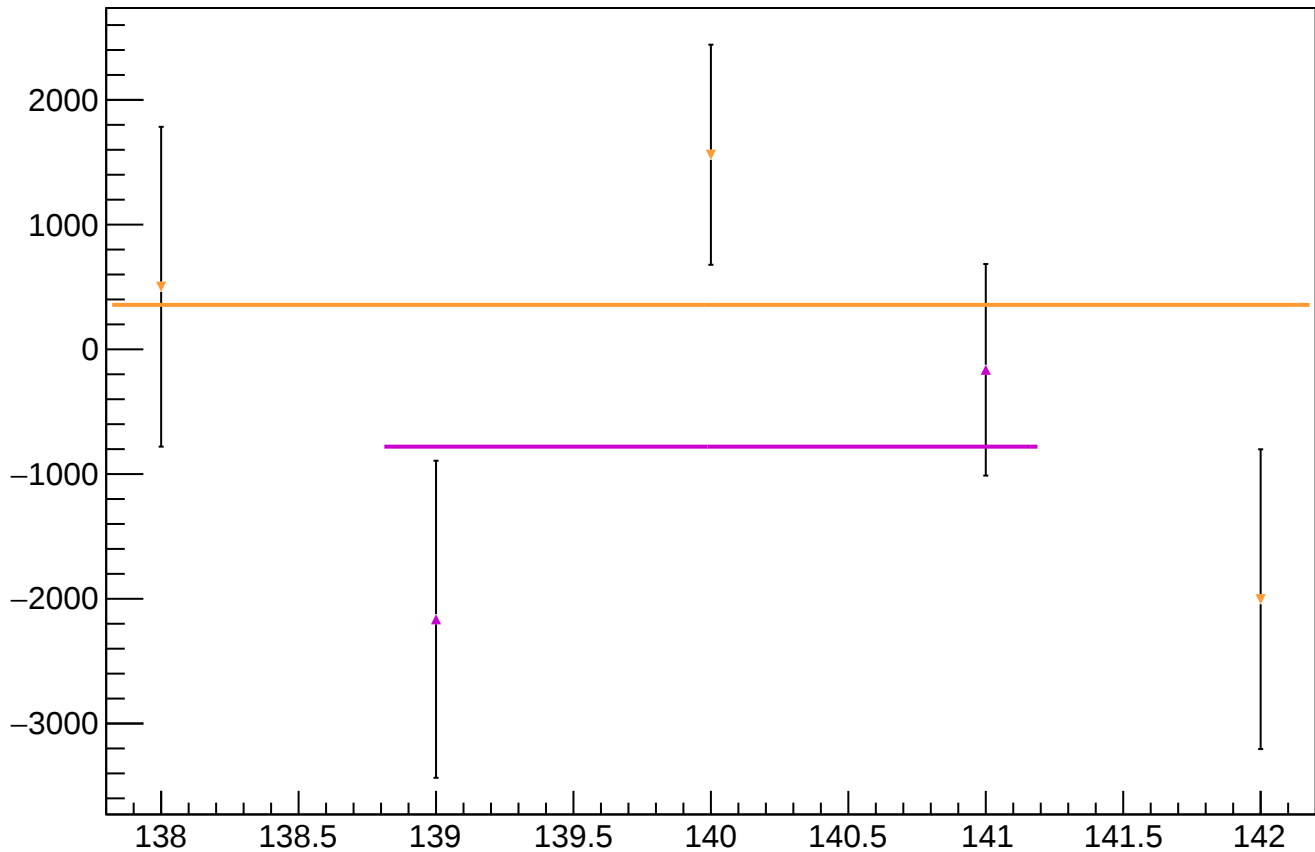
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Out: 854.654+/-0.439 χ^2/NDF :108805.0/2

All: 865.818+/-0.329 χ^2/NDF : 221792.3/4

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.730+/-621.952 χ^2/NDF : 5.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Left: -140.458+/-466.552 χ^2/NDF : 8.9/4

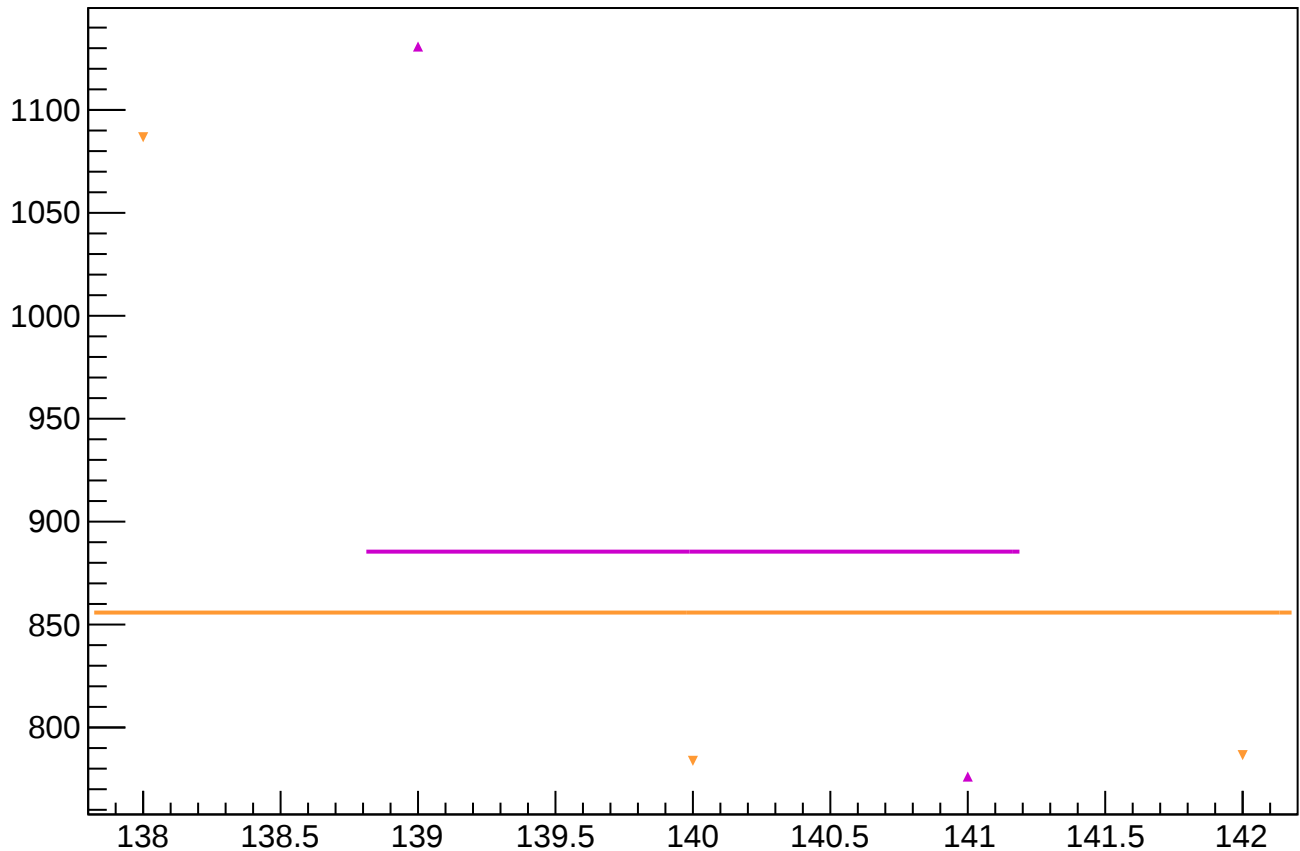
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Out: 356.730+/-621.952 χ^2/NDF : 5.7/2

All: -140.458+/-466.552 χ^2/NDF : 8.9/4

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 855.827+/-0.440 χ^2/NDF : 84850.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Left: 868.768+/-0.330 χ^2/NDF : 194563.1/4

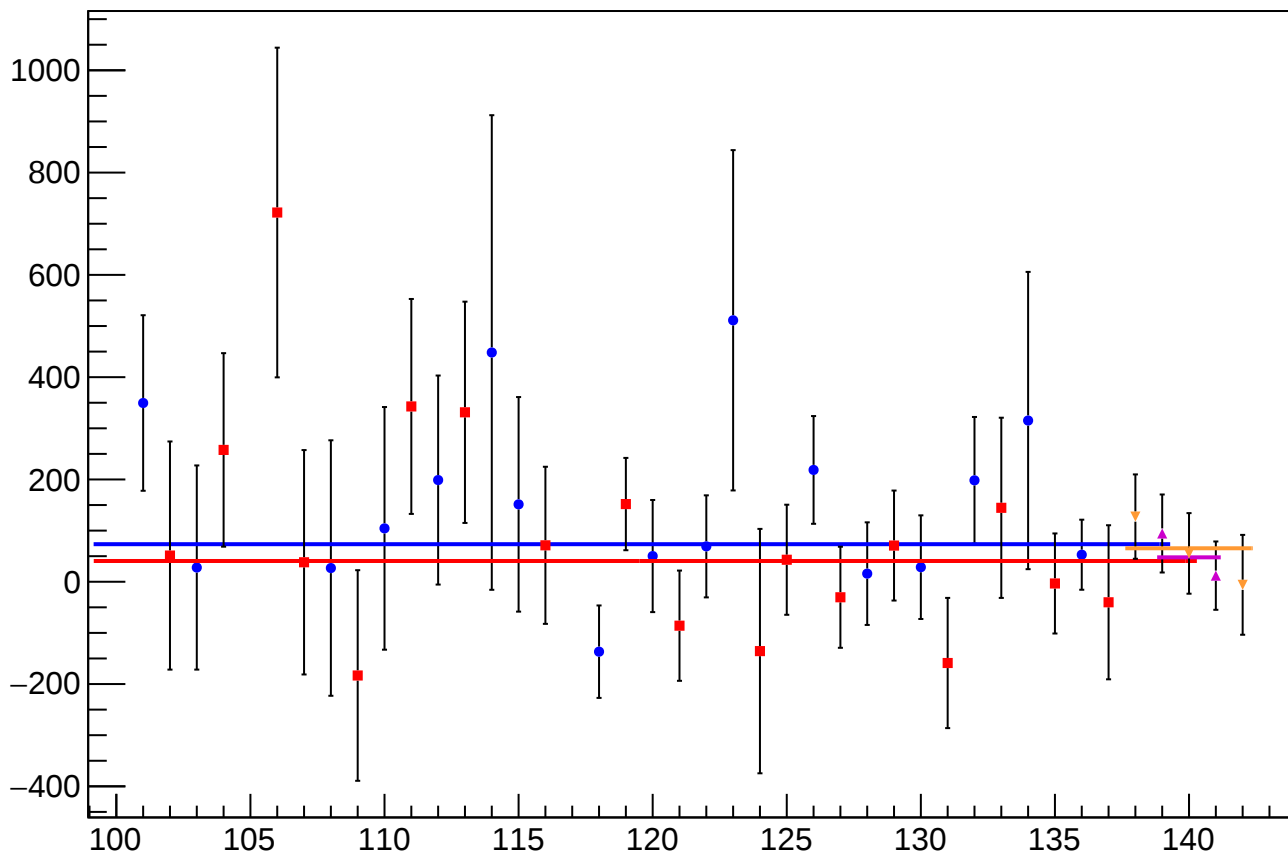
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Out: 855.827+/-0.440 χ^2/NDF : 84850.4/2

All: 868.768+/-0.330 χ^2/NDF : 194563.1/4

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 65.444 $\pm$ 49.205 χ^2 /NDF:1.1/2

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 47.732 $\pm$ 50.251 χ^2 /NDF:0.7/1

Left: 56.774 $\pm$ 35.157 χ^2 /NDF: 1.8/4

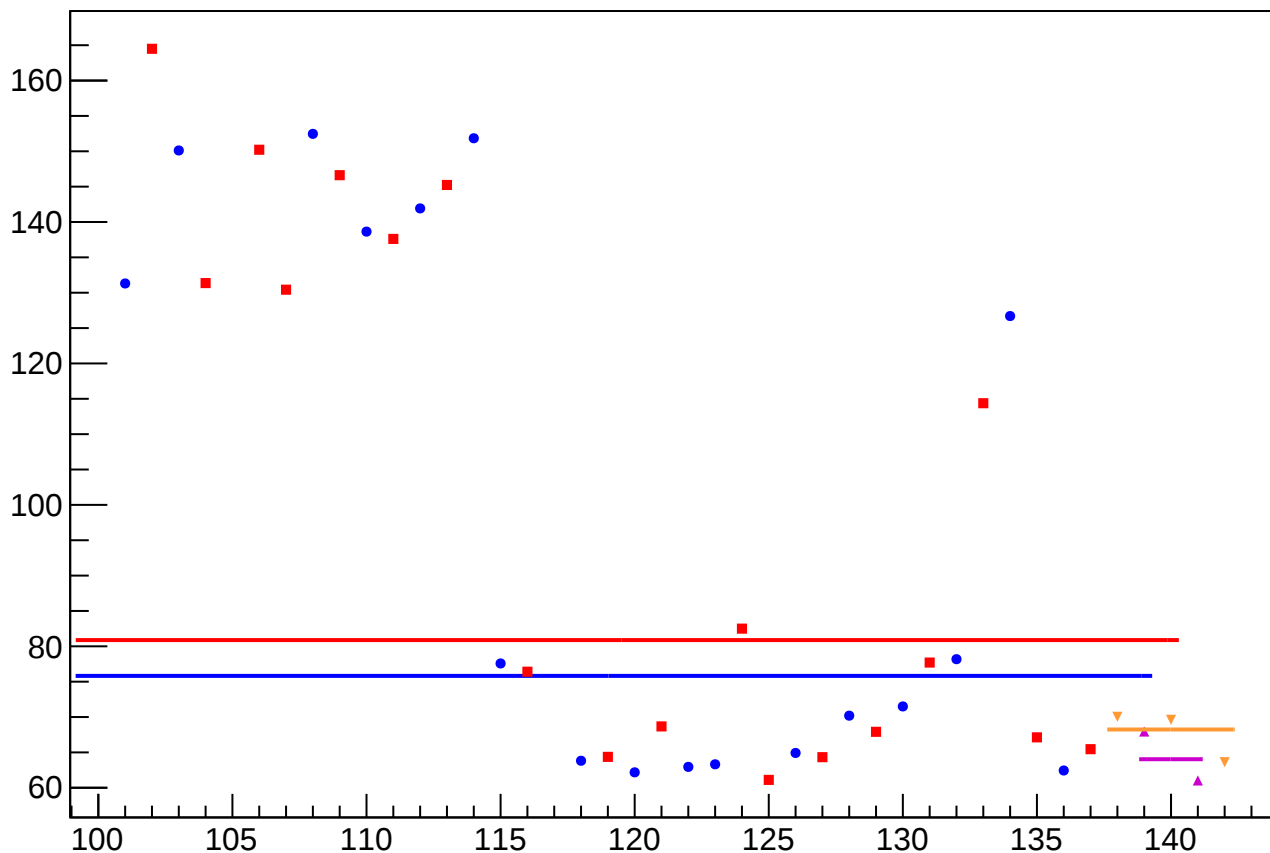
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 66.339 $\pm$ 26.421 χ^2 /NDF:16.1/18

Out: 48.221 $\pm$ 27.260 χ^2 /NDF:19.5/20

All: 57.563 $\pm$ 18.972 χ^2 /NDF: 35.9/39

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 68.237+/-0.035 χ^2/NDF : 6040.4/2

Right Out: 80.881+/-0.023 χ^2/NDF : 1526044.5/17

Left In: 64.035+/-0.036 χ^2/NDF : 9317.7/1

Left: 66.180+/-0.025 χ^2/NDF : 22497.3/4

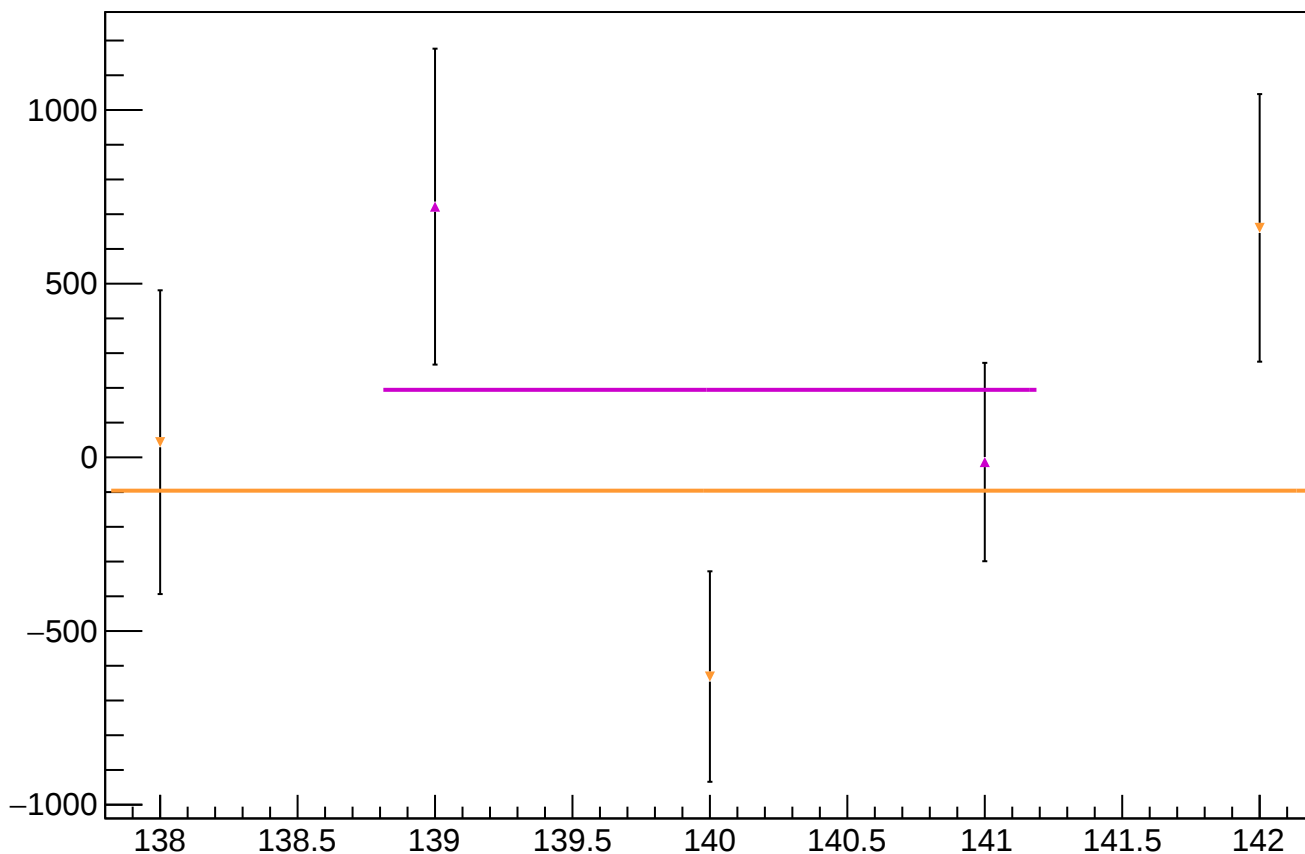
Right: 78.217+/-0.016 χ^2/NDF : 2901160.0/34

In: 72.562+/-0.019 χ^2/NDF : 1438868.3/18

Out: 77.000+/-0.019 χ^2/NDF : 1623619.8/20

All: 74.712+/-0.013 χ^2/NDF : 3089824.3/39

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.914+/-209.142 χ^2/NDF : 7.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.408+/-241.824 χ^2/NDF : 1.9/1

Left: 28.317+/-158.188 χ^2/NDF : 9.8/4

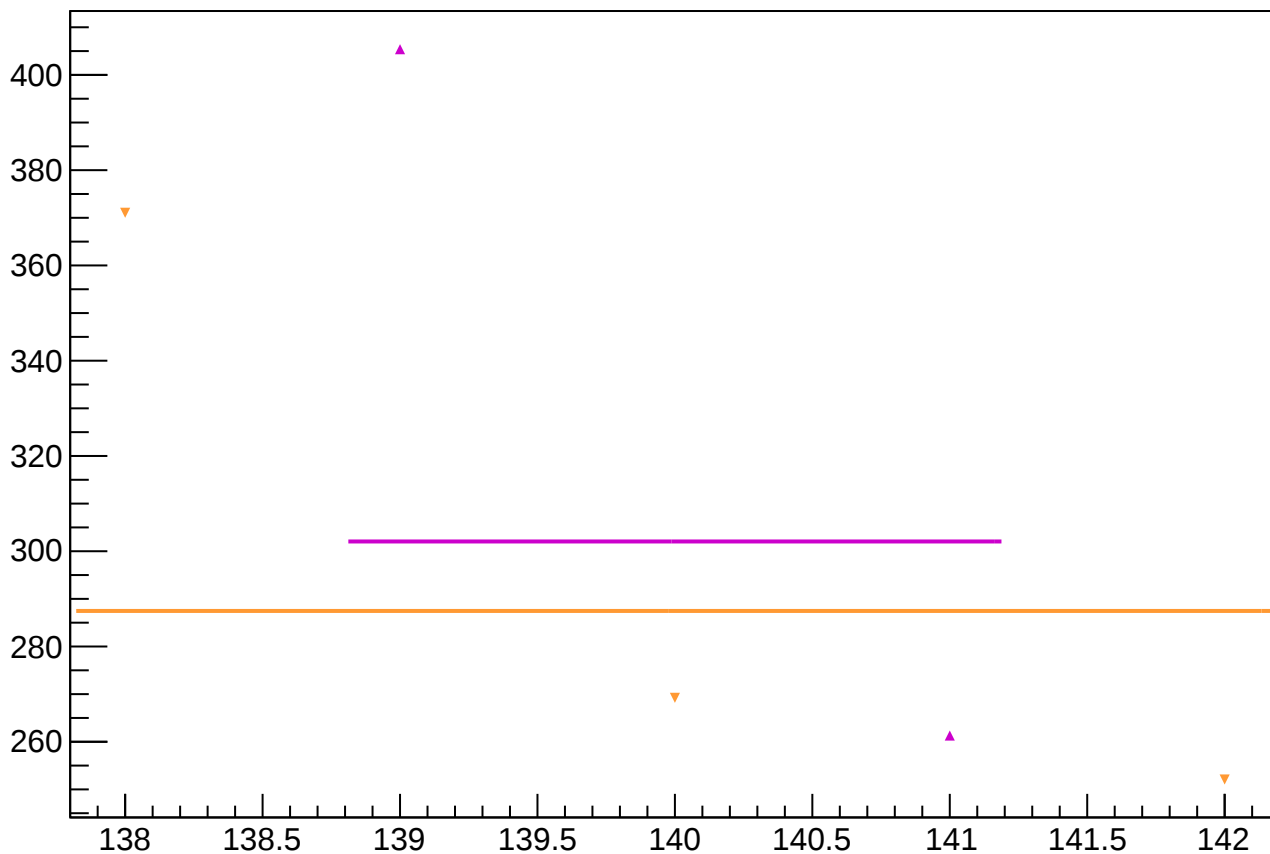
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.408+/-241.824 χ^2/NDF : 1.9/1

Out: -95.914+/-209.142 χ^2/NDF : 7.1/2

All: 28.317+/-158.188 χ^2/NDF : 9.8/4

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.465+/-0.148 χ^2/NDF : 97213.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 302.050+/-0.171 χ^2/NDF : 144004.4/1

Left: 293.706+/-0.112 χ^2/NDF : 245379.8/4

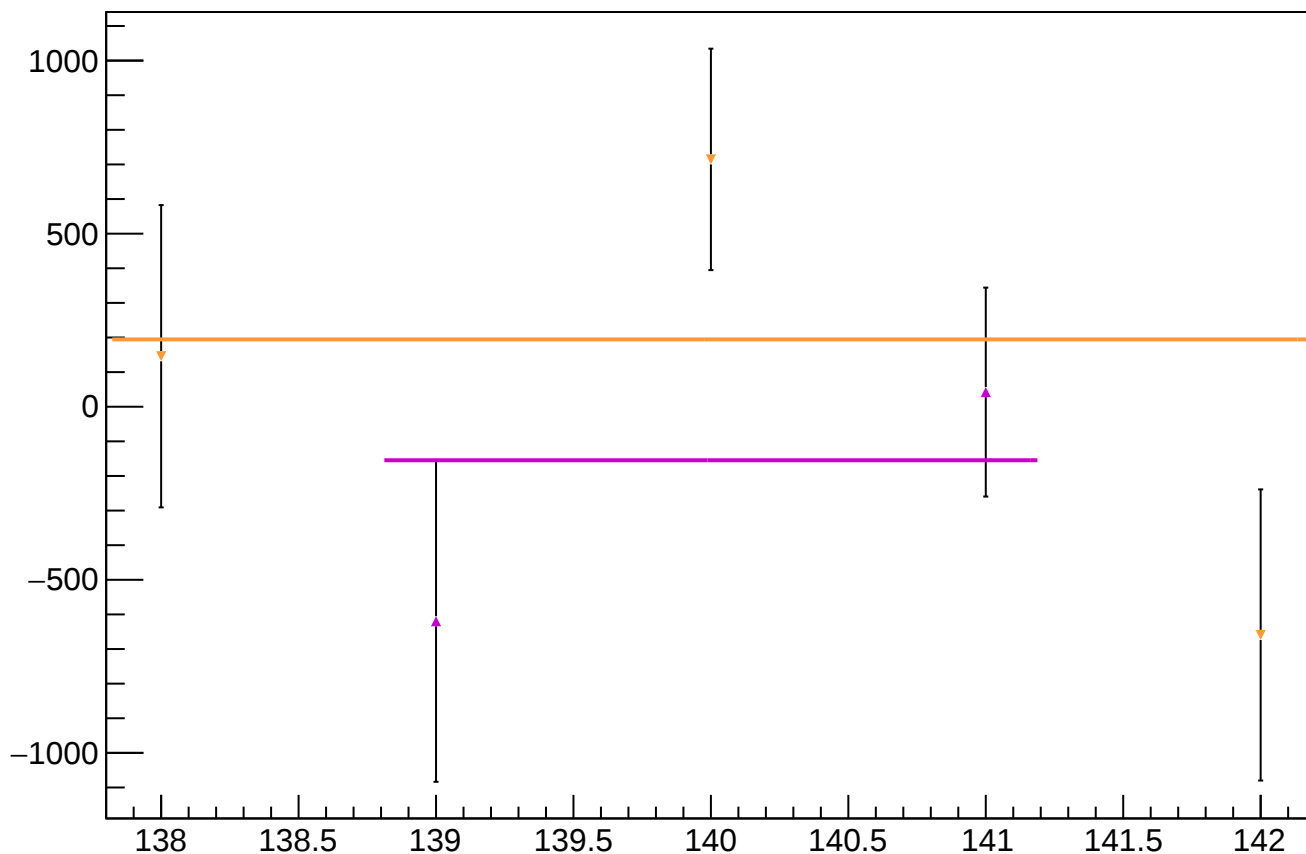
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.050+/-0.171 χ^2/NDF : 144004.4/1

Out: 287.465+/-0.148 χ^2/NDF : 97213.7/2

All: 293.706+/-0.112 χ^2/NDF : 245379.8/4

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.497+/-219.942 χ^2/NDF : 6.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -154.583+/-252.986 χ^2/NDF : 1.4/1

Left: 44.229+/-165.985 χ^2/NDF : 9.3/4

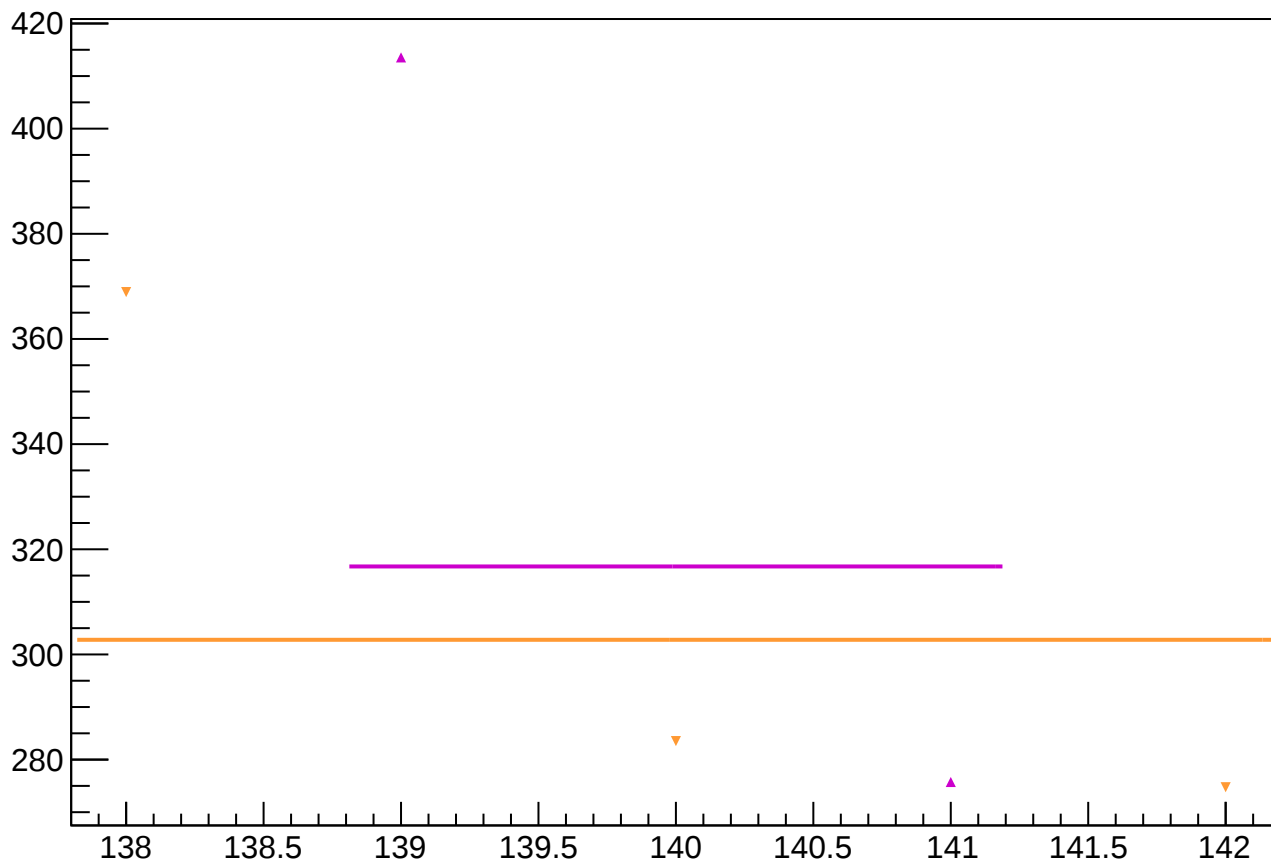
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -154.583+/-252.986 χ^2/NDF : 1.4/1

Out: 194.497+/-219.942 χ^2/NDF : 6.8/2

All: 44.229+/-165.985 χ^2/NDF : 9.3/4

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 302.786+/-0.156 χ^2/NDF : 62018.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 316.734+/-0.179 χ^2/NDF : 124015.0/1

Left: 308.790+/-0.117 χ^2/NDF : 189496.3/4

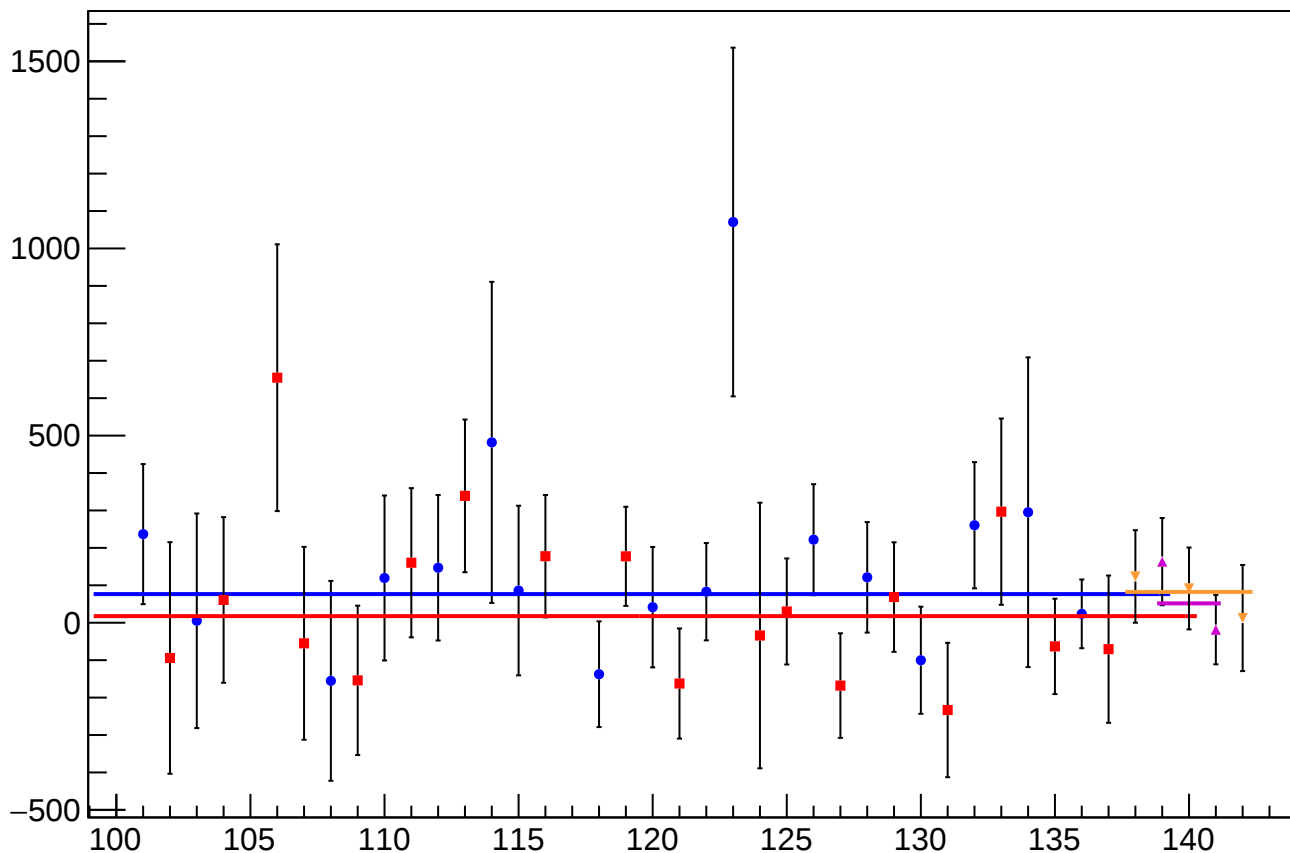
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 316.734+/-0.179 χ^2/NDF : 124015.0/1

Out: 302.786+/-0.156 χ^2/NDF : 62018.9/2

All: 308.790+/-0.117 χ^2/NDF : 189496.3/4

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 82.334+/-70.906 χ^2/NDF : 0.4/2

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 51.712+/-72.495 χ^2/NDF : 1.5/1

Left: 67.362+/-50.690 χ^2/NDF : 1.9/4

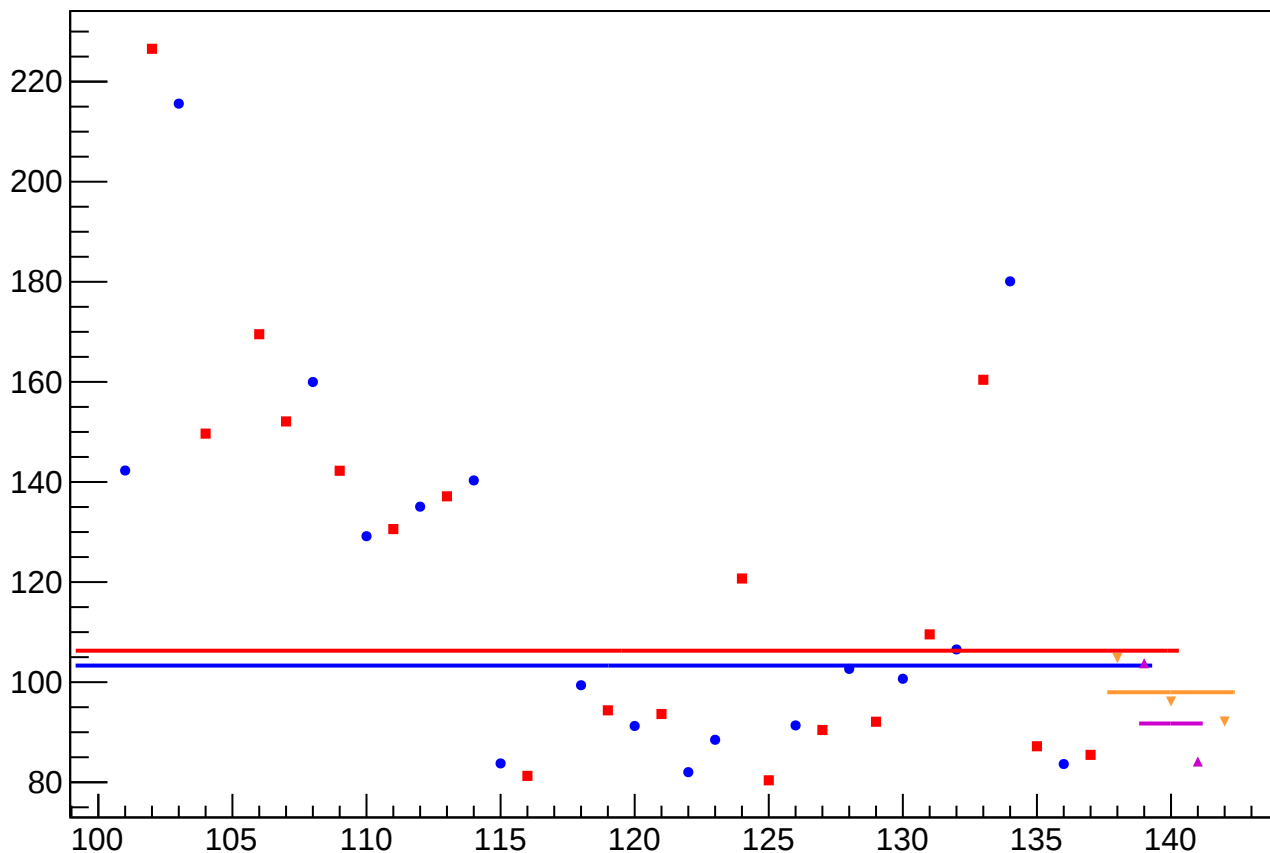
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 70.371+/-36.054 χ^2/NDF : 15.5/18

Out: 34.593+/-36.325 χ^2/NDF : 17.8/20

All: 52.616+/-25.589 χ^2/NDF : 33.8/39

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 97.990 $\pm$ 0.050 χ^2 /NDF: 10103.3/2

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 91.744 $\pm$ 0.051 χ^2 /NDF: 34791.6/1

Left: 94.936 $\pm$ 0.036 χ^2 /NDF: 52482.3/4

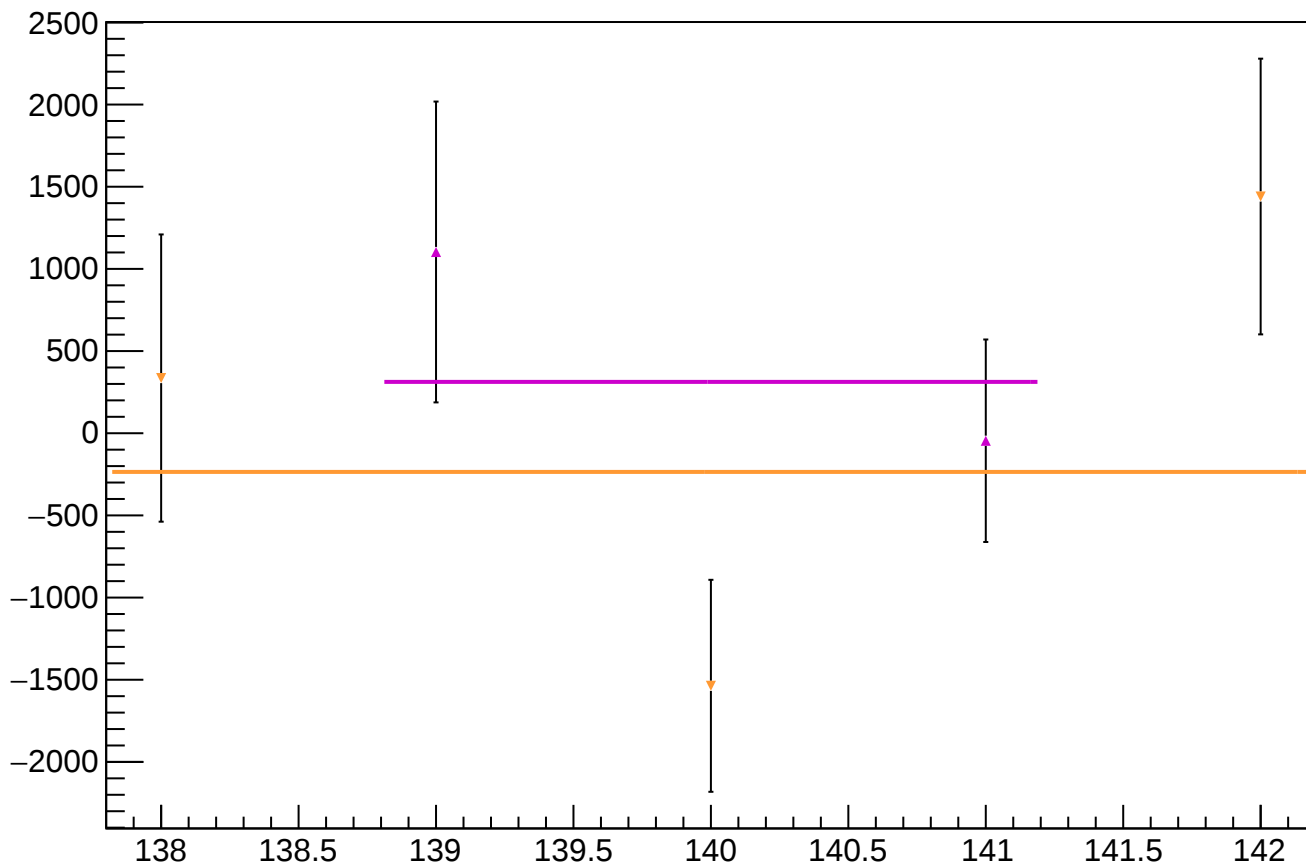
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.455 $\pm$ 0.025 χ^2 /NDF: 910959.6/18

Out: 104.111 $\pm$ 0.026 χ^2 /NDF: 1031017.2/20

All: 102.269 $\pm$ 0.018 χ^2 /NDF: 1952180.3/39

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -235.352+/-441.305 χ^2/NDF :8.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 312.454+/-511.091 χ^2/NDF :1.1/1

Left: -1.374+/-334.020 χ^2/NDF : 10.2/4

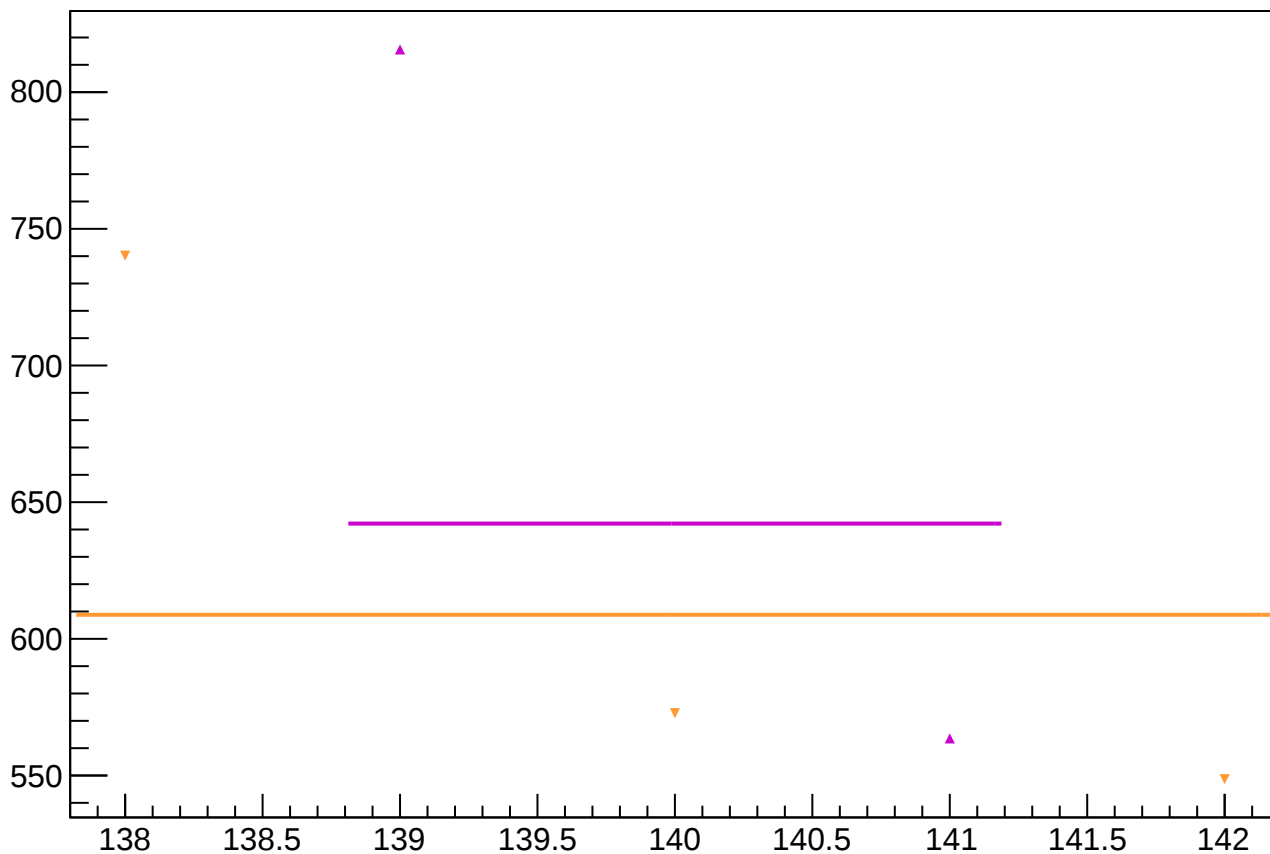
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.454+/-511.091 χ^2/NDF :1.1/1

Out: -235.352+/-441.305 χ^2/NDF :8.5/2

All: -1.374+/-334.020 χ^2/NDF : 10.2/4

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 608.799+/-0.312 χ^2/NDF :61714.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 642.164+/-0.361 χ^2/NDF :104382.3/1

Left: 623.050+/-0.236 χ^2/NDF : 170979.4/4

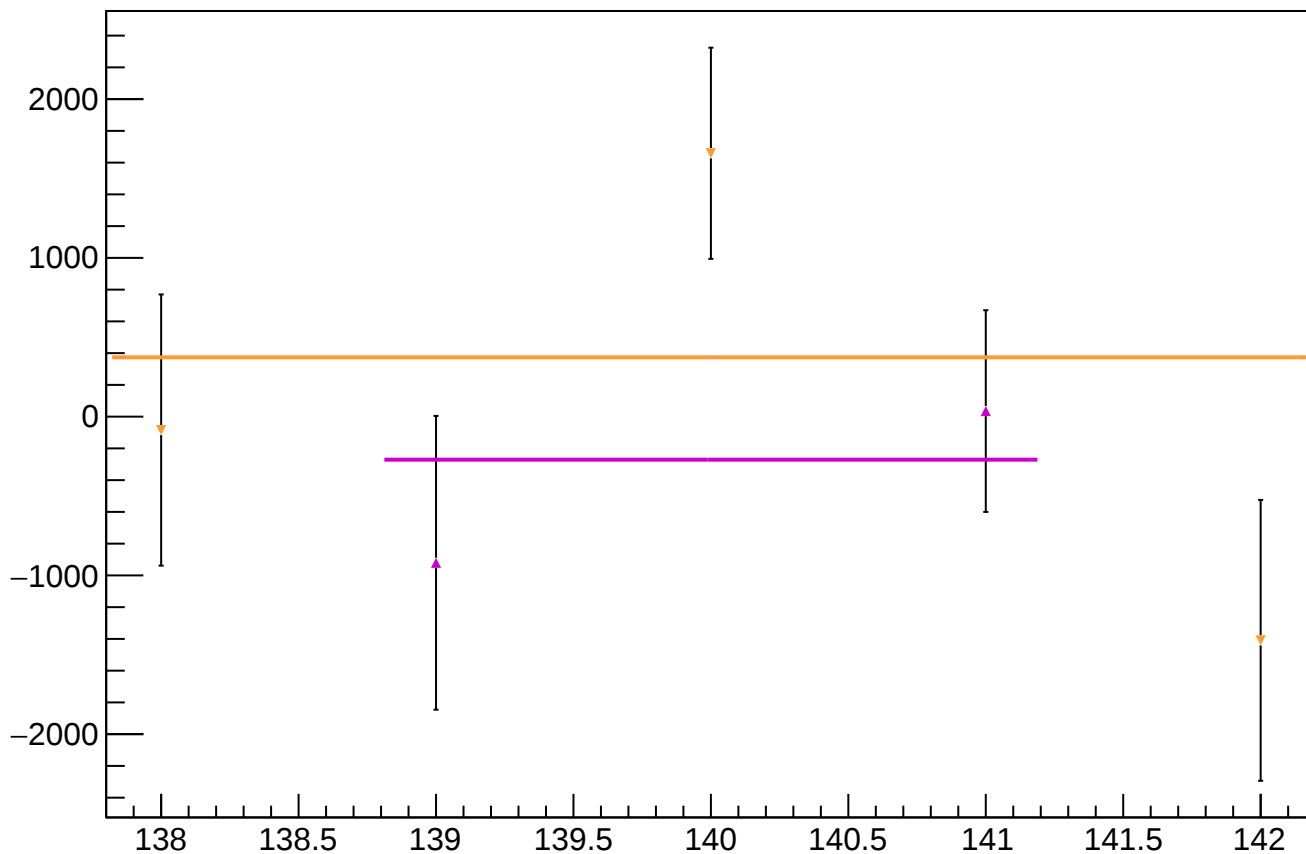
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.164+/-0.361 χ^2/NDF :104382.3/1

Out: 608.799+/-0.312 χ^2/NDF :61714.0/2

All: 623.050+/-0.236 χ^2/NDF : 170979.4/4

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 373.686+/-451.313 χ^2/NDF : 8.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -271.003+/-523.679 χ^2/NDF : 0.7/1

Left: 98.929+/-341.872 χ^2/NDF : 9.7/4

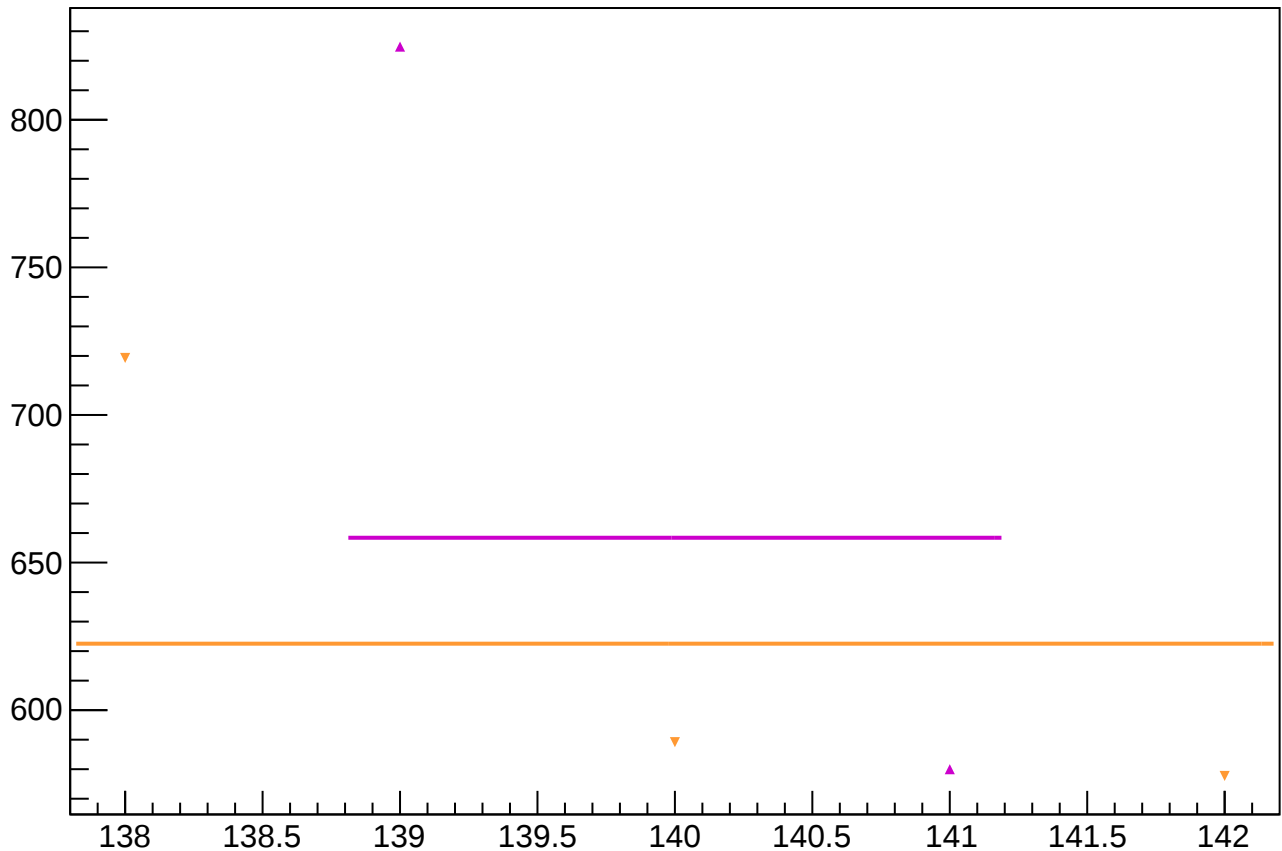
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.003+/-523.679 χ^2/NDF : 0.7/1

Out: 373.686+/-451.313 χ^2/NDF : 8.1/2

All: 98.929+/-341.872 χ^2/NDF : 9.7/4

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 622.521+/-0.319 χ^2/NDF : 35855.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

Left: 637.814+/-0.242 χ^2/NDF : 136388.6/4

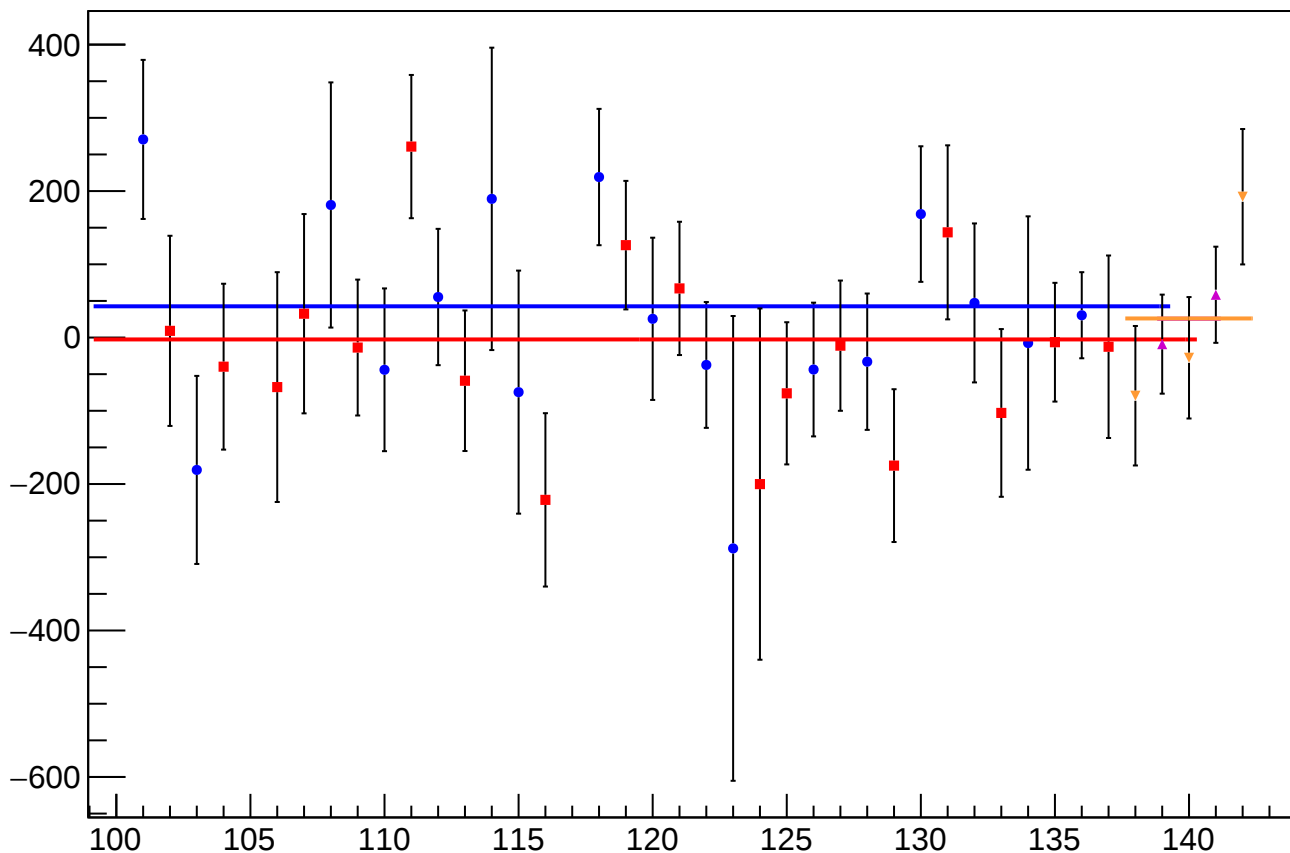
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

Out: 622.521+/-0.319 χ^2/NDF : 35855.7/2

All: 637.814+/-0.242 χ^2/NDF : 136388.6/4

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: 26.076 $\pm$ 51.795 χ^2 /NDF:4.9/2

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: 25.713 $\pm$ 47.101 χ^2 /NDF:0.5/1

Left: 25.877 $\pm$ 34.847 χ^2 /NDF: 5.4/4

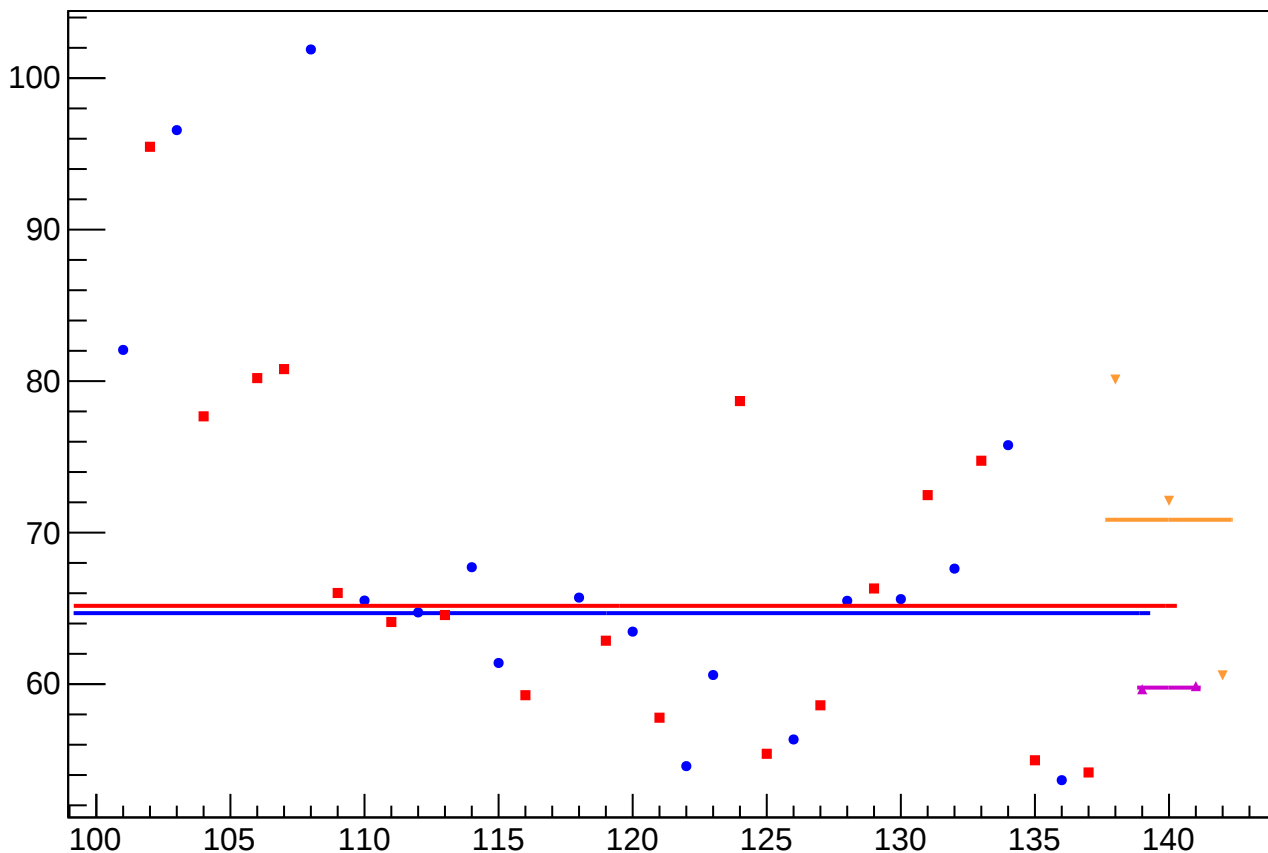
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 38.817 $\pm$ 22.415 χ^2 /NDF:19.5/18

Out: 2.869 $\pm$ 22.579 χ^2 /NDF:25.5/20

All: 20.974 $\pm$ 15.907 χ^2 /NDF: 46.3/39

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 70.850 $\pm$ 0.037 χ^2 /NDF:44031.0/2

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 59.769 $\pm$ 0.033 χ^2 /NDF:9.5/1

Left: 64.785 $\pm$ 0.025 χ^2 /NDF: 94147.4/4

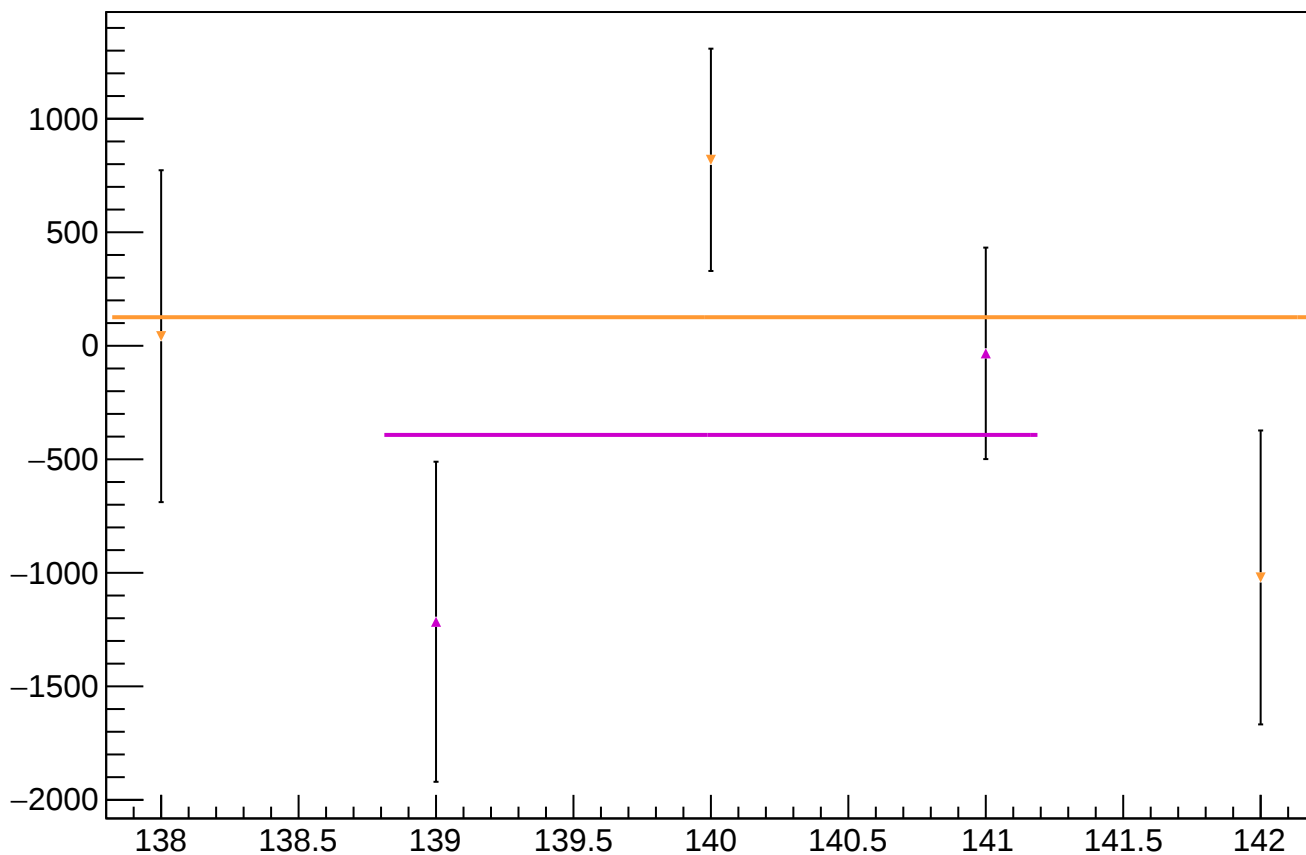
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 63.572 $\pm$ 0.016 χ^2 /NDF:417052.1/18

Out: 66.247 $\pm$ 0.016 χ^2 /NDF:368113.4/20

All: 64.900 $\pm$ 0.011 χ^2 /NDF: 799305.7/39

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 125.861+/-344.400 χ^2/NDF :5.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -392.534+/-388.574 χ^2/NDF :2.0/1

Left: -102.208+/-257.736 χ^2/NDF : 8.1/4

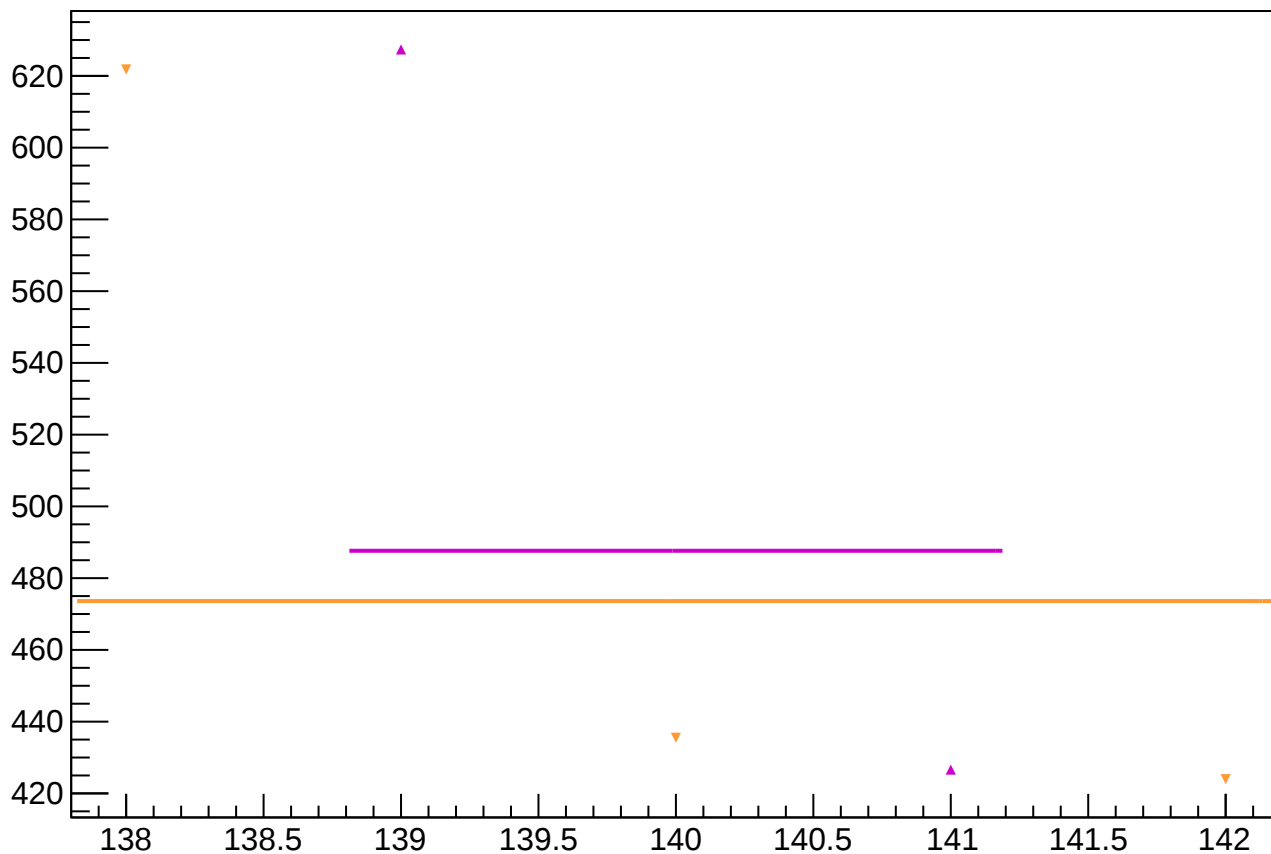
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -392.534+/-388.574 χ^2/NDF :2.0/1

Out: 125.861+/-344.400 χ^2/NDF :5.2/2

All: -102.208+/-257.736 χ^2/NDF : 8.1/4

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 473.607+/-0.244 χ^2/NDF :106098.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 487.632+/-0.275 χ^2/NDF :112911.3/1

Left: 479.777+/-0.182 χ^2/NDF : 220469.0/4

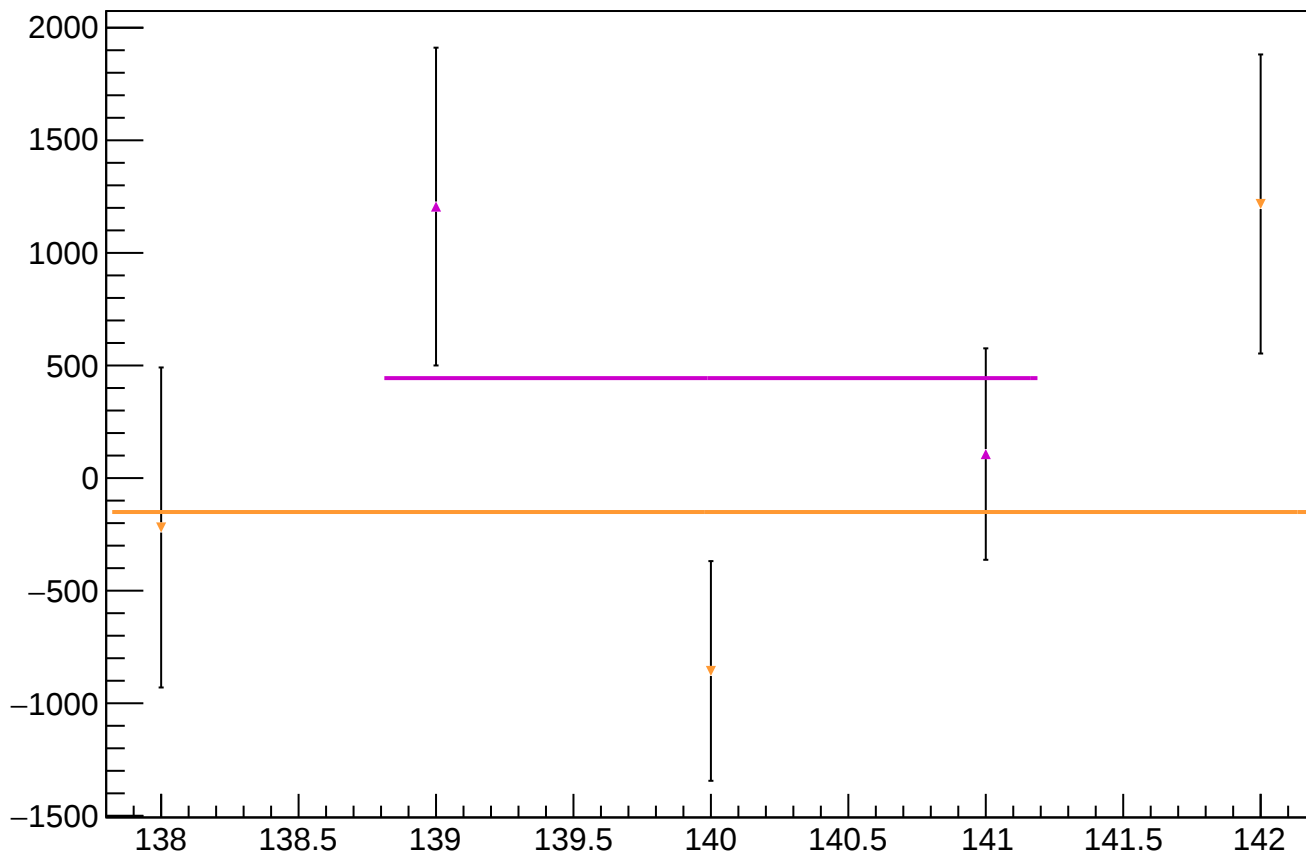
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.632+/-0.275 χ^2/NDF :112911.3/1

Out: 473.607+/-0.244 χ^2/NDF :106098.5/2

All: 479.777+/-0.182 χ^2/NDF : 220469.0/4

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -150.691+/-343.995 χ^2/NDF :6.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 443.925+/-390.883 χ^2/NDF :1.7/1

Left: 108.832+/-258.236 χ^2/NDF : 9.3/4

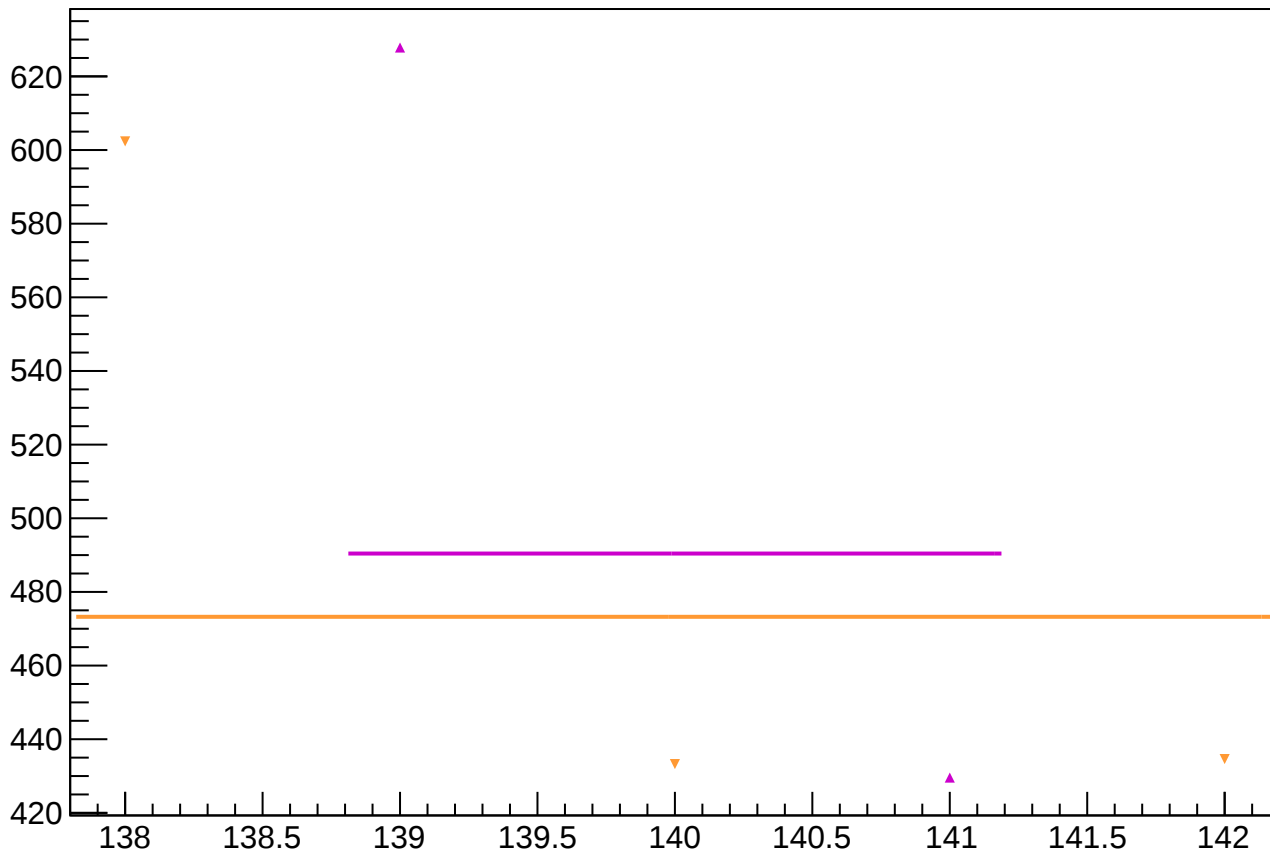
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.925+/-390.883 χ^2/NDF :1.7/1

Out: -150.691+/-343.995 χ^2/NDF :6.3/2

All: 108.832+/-258.236 χ^2/NDF : 9.3/4

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 473.243+/-0.243 χ^2/NDF :86233.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 490.422+/-0.276 χ^2/NDF :109434.8/1

Left: 480.741+/-0.183 χ^2/NDF : 197845.4/4

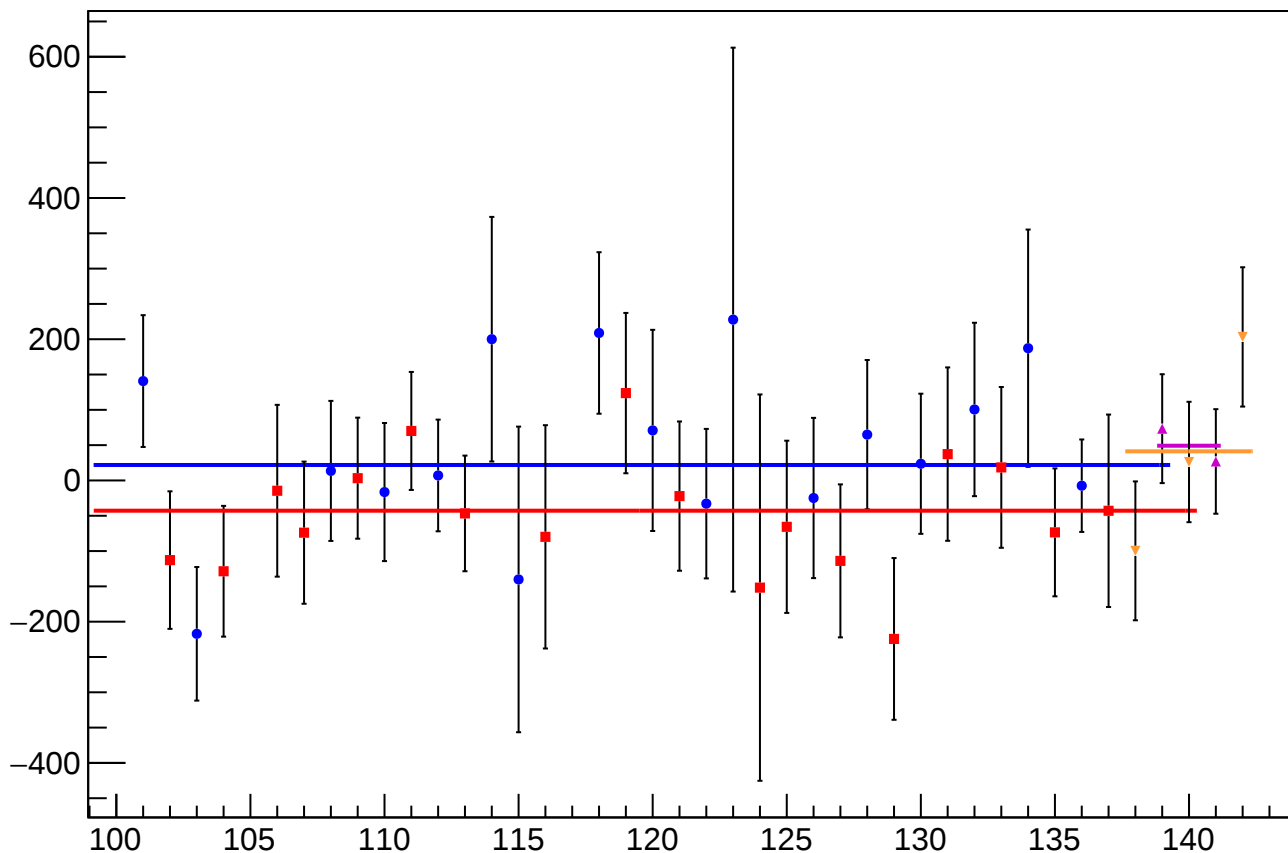
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.422+/-0.276 χ^2/NDF :109434.8/1

Out: 473.243+/-0.243 χ^2/NDF :86233.6/2

All: 480.741+/-0.183 χ^2/NDF : 197845.4/4

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 41.249 $\pm$ 53.932 χ^2 /NDF:4.8/2

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 49.193 $\pm$ 53.398 χ^2 /NDF:0.2/1

Left: 45.260 $\pm$ 37.945 χ^2 /NDF: 5.0/4

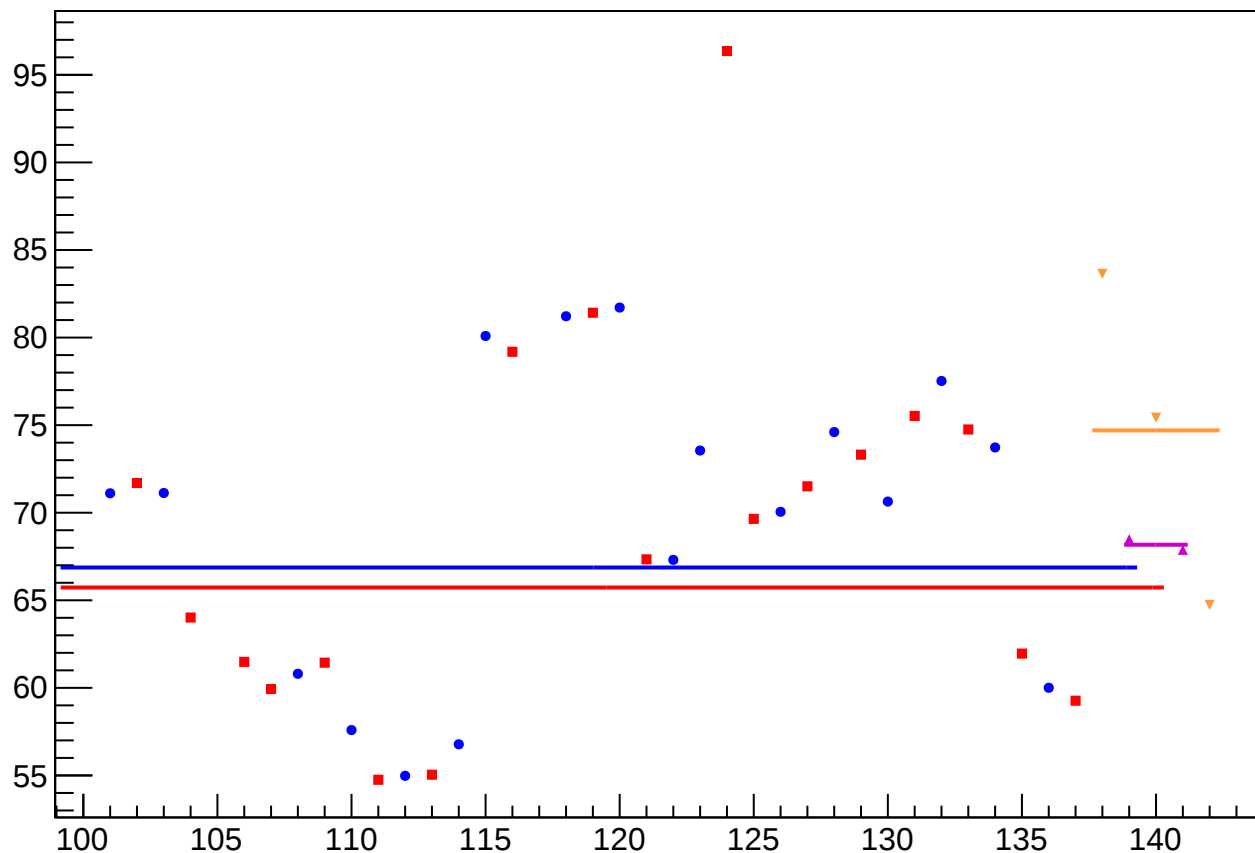
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 27.155 $\pm$ 23.416 χ^2 /NDF:15.5/18

Out: -27.835 $\pm$ 22.768 χ^2 /NDF:16.6/20

All: -1.111 $\pm$ 16.324 χ^2 /NDF: 35.0/39

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 74.701 $\pm$ 0.038 χ^2 /NDF:37065.0/2

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 68.172 $\pm$ 0.038 χ^2 /NDF:63.6/1

Left: 71.404 $\pm$ 0.027 χ^2 /NDF: 51928.7/4

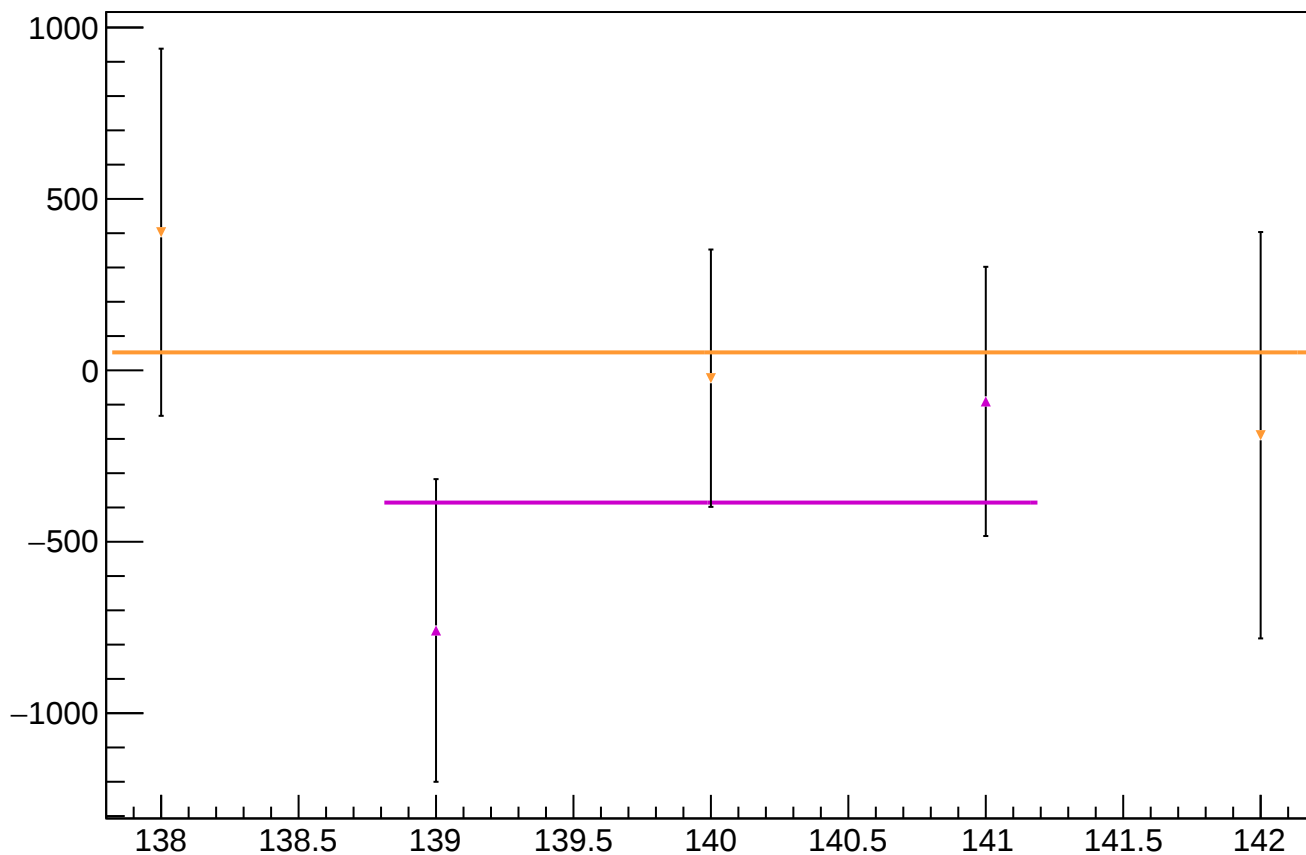
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 67.122 $\pm$ 0.017 χ^2 /NDF:203537.1/18

Out: 67.329 $\pm$ 0.016 χ^2 /NDF:301403.1/20

All: 67.229 $\pm$ 0.012 χ^2 /NDF: 505020.6/39

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 52.368+/-272.835 χ^2/NDF : 0.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Left: -150.801+/-199.786 χ^2/NDF : 3.1/4

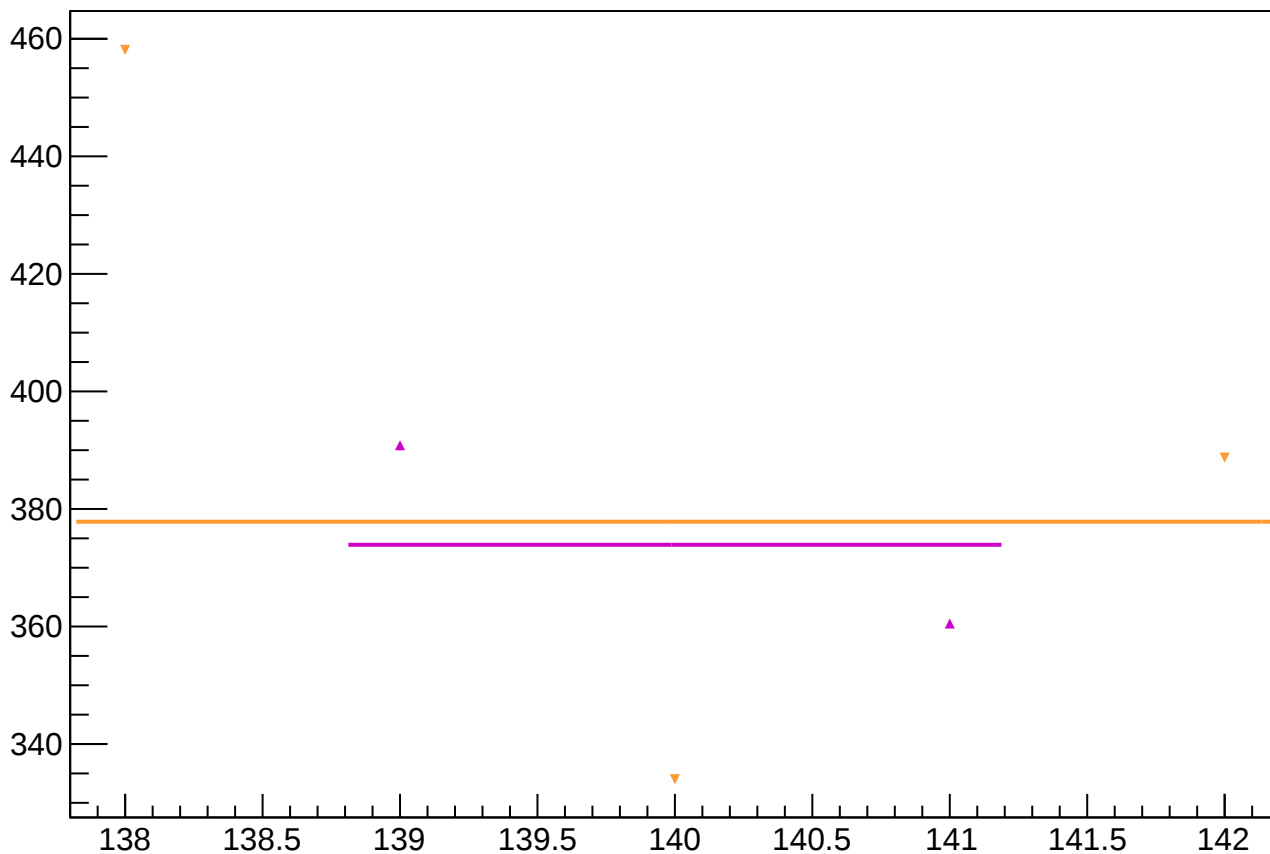
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Out: 52.368+/-272.835 χ^2/NDF : 0.6/2

All: -150.801+/-199.786 χ^2/NDF : 3.1/4

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 377.828+/-0.193 χ^2/NDF : 72896.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Left: 376.009+/-0.141 χ^2/NDF : 78360.6/4

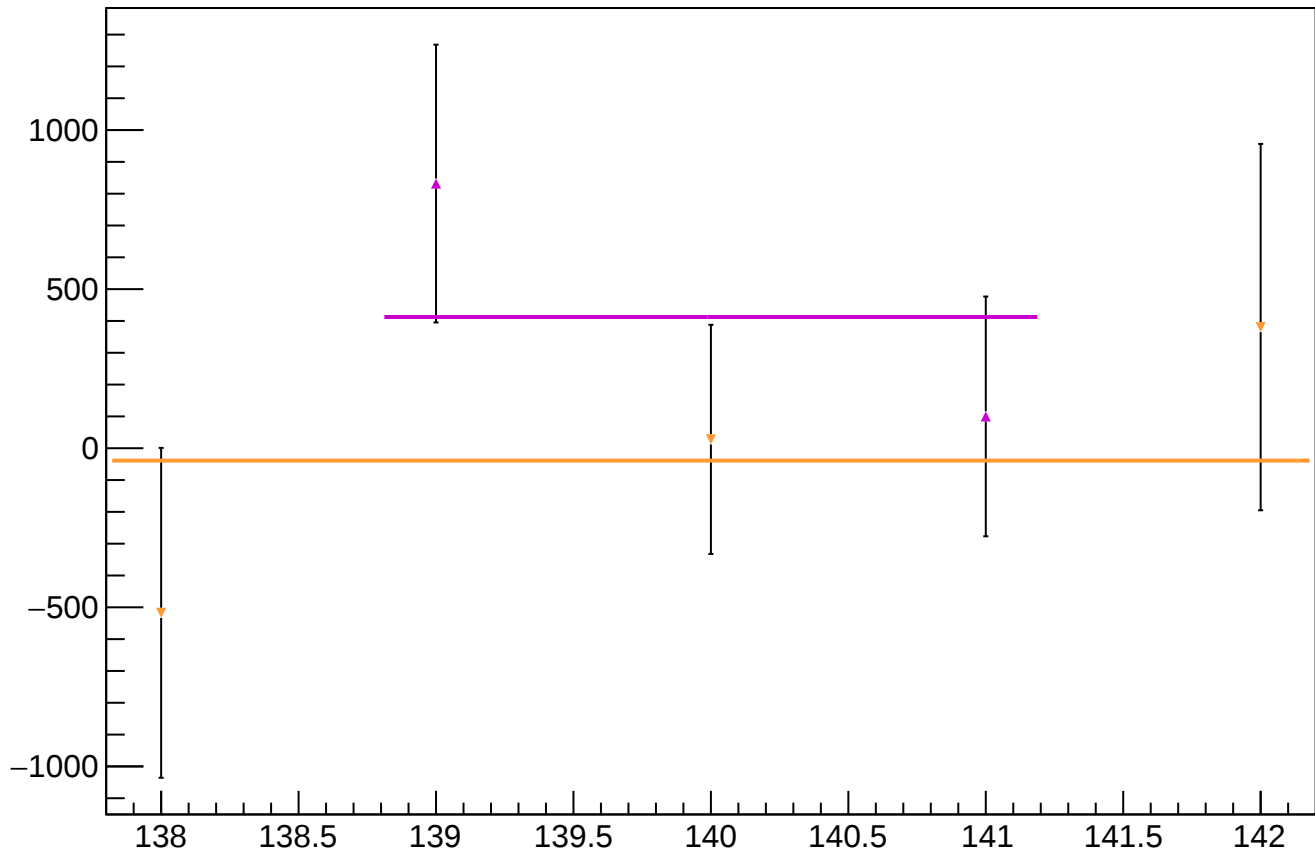
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Out: 377.828+/-0.193 χ^2/NDF : 72896.4/2

All: 376.009+/-0.141 χ^2/NDF : 78360.6/4

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.889+/-263.054 χ^2/NDF : 1.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Left: 168.535+/-193.372 χ^2/NDF : 4.4/4

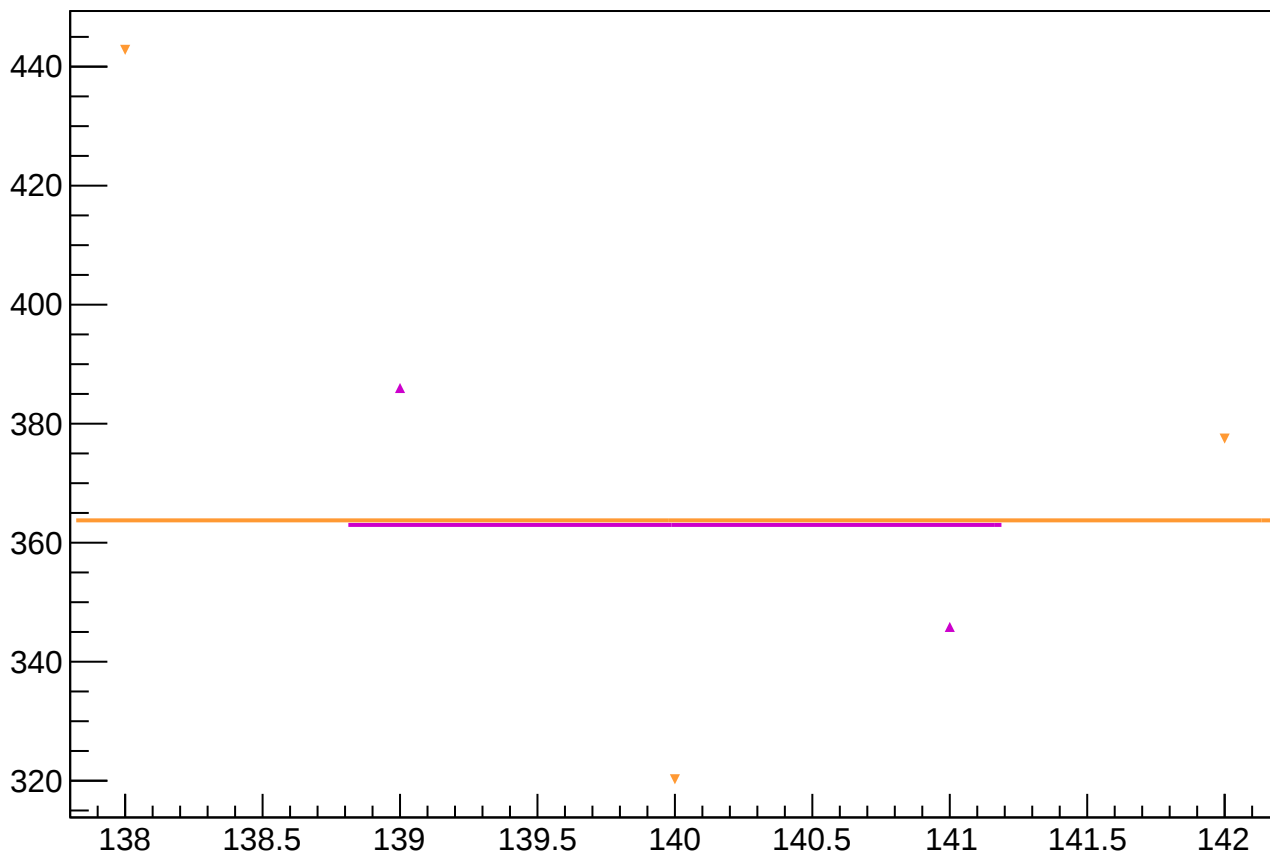
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Out: -38.889+/-263.054 χ^2/NDF : 1.4/2

All: 168.535+/-193.372 χ^2/NDF : 4.4/4

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.754+/-0.186 χ^2/NDF : 76869.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Left: 363.402+/-0.137 χ^2/NDF : 86573.2/4

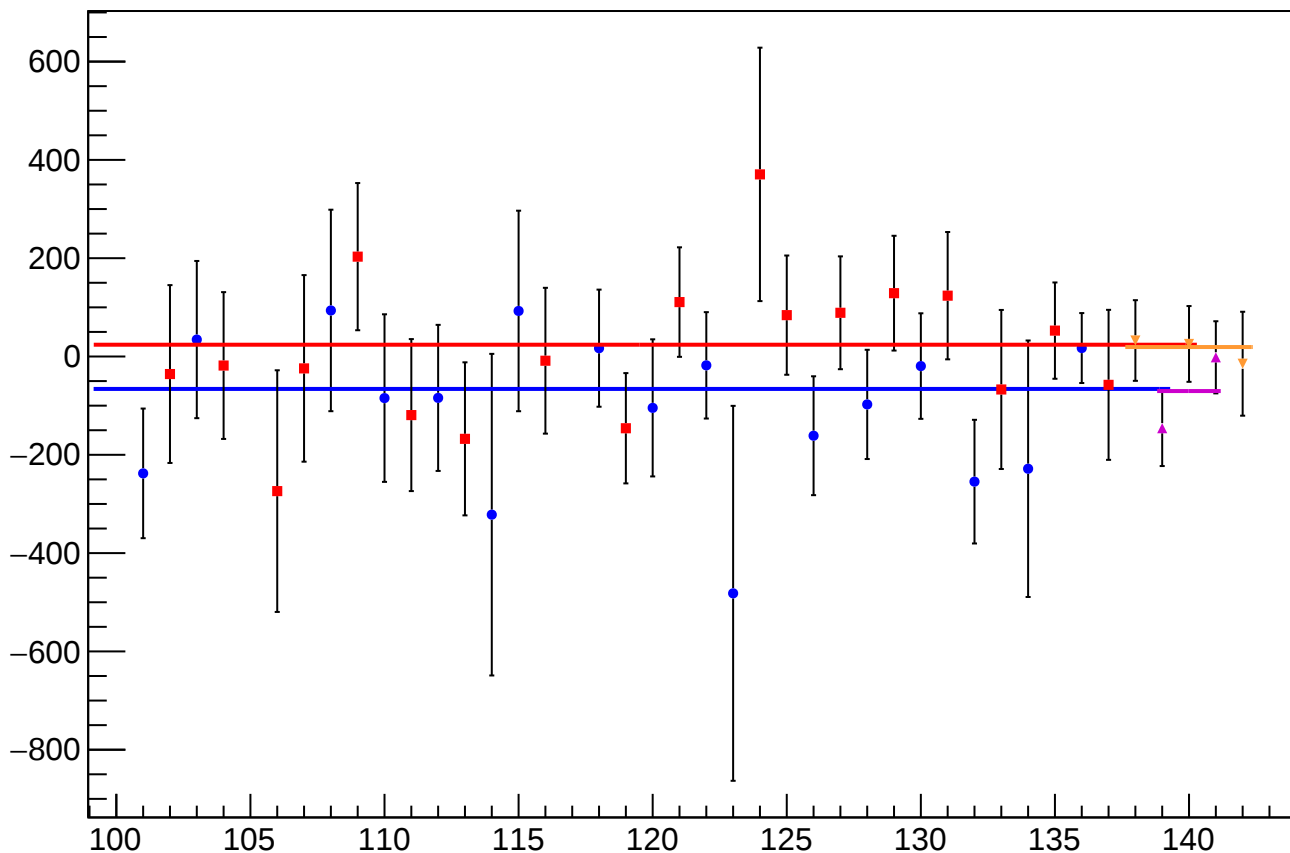
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Out: 363.754+/-0.186 χ^2/NDF : 76869.3/2

All: 363.402+/-0.137 χ^2/NDF : 86573.2/4

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 $\pm$ 32.289 χ^2/NDF : 10.8/16

Left Out: 19.255 $\pm$ 49.608 χ^2/NDF : 0.1/2

Right Out: 23.979 $\pm$ 32.790 χ^2/NDF : 12.9/17

Left In: -70.300 $\pm$ 53.115 χ^2/NDF : 1.8/1

Left: -22.468 $\pm$ 36.255 χ^2/NDF : 3.5/4

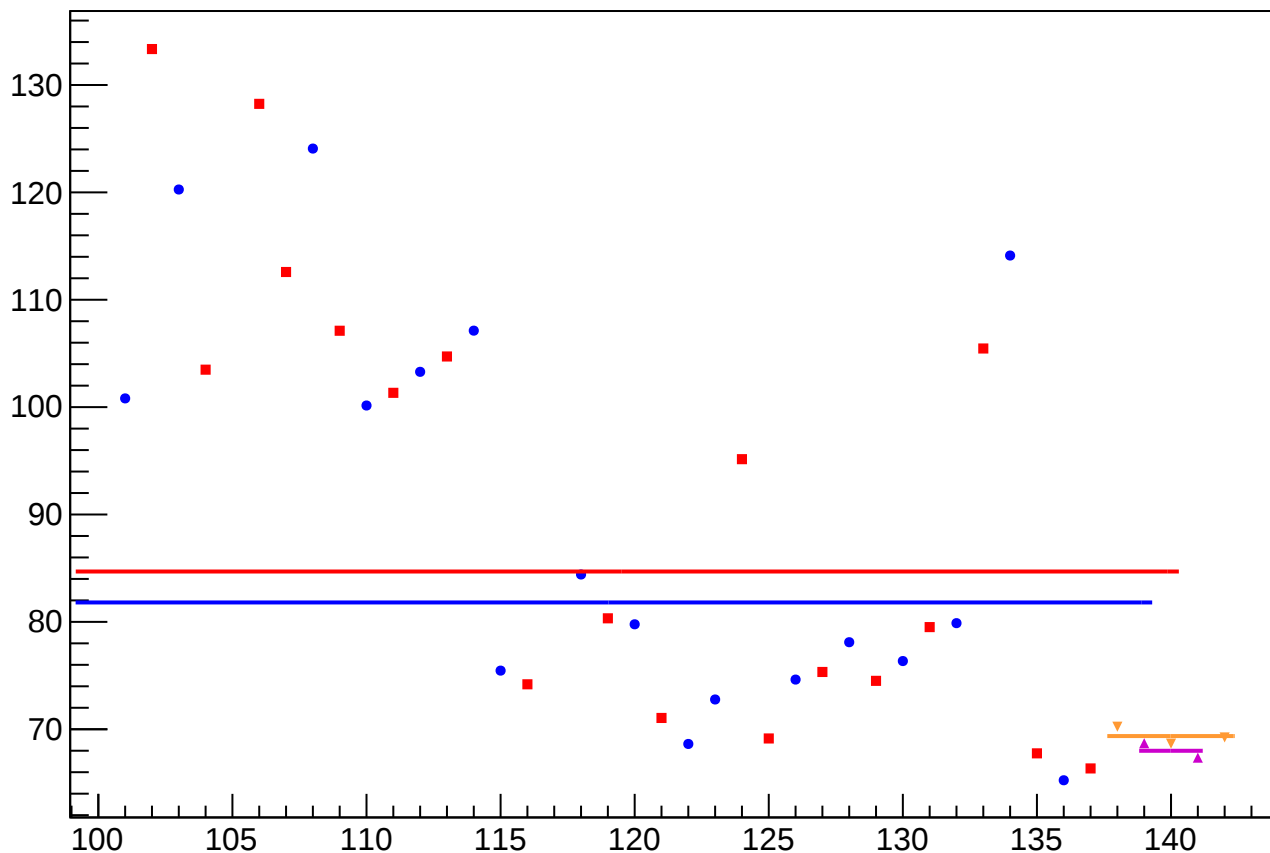
Right: -21.690 $\pm$ 23.007 χ^2/NDF : 27.5/34

In: -67.142 $\pm$ 27.591 χ^2/NDF : 12.6/18

Out: 22.543 $\pm$ 27.354 χ^2/NDF : 13.1/20

All: -21.913 $\pm$ 19.426 χ^2/NDF : 31.0/39

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 69.365 $\pm$ 0.035 χ^2 /NDF:395.2/2

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 67.995 $\pm$ 0.038 χ^2 /NDF:318.9/1

Left: 68.727 $\pm$ 0.026 χ^2 /NDF: 1425.1/4

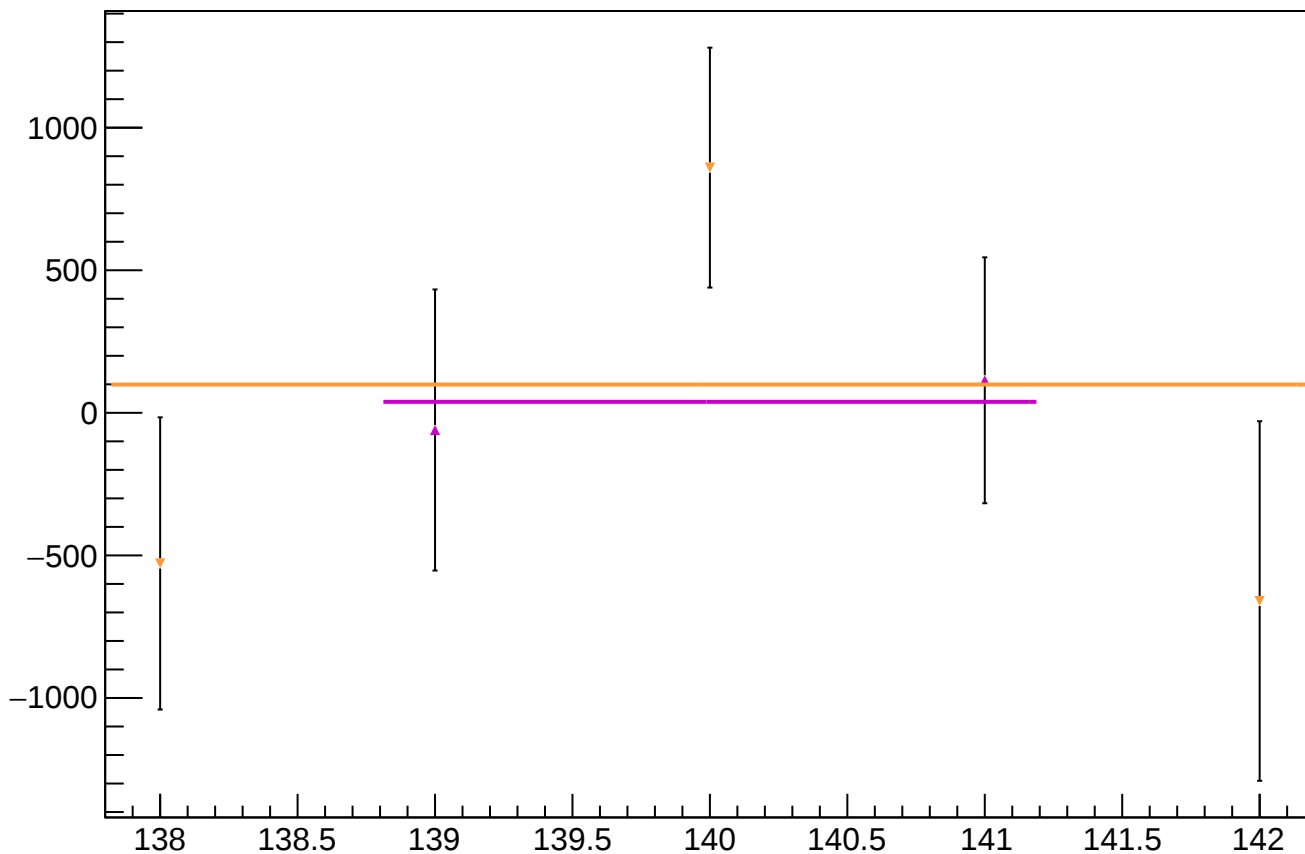
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 78.081 $\pm$ 0.020 χ^2 /NDF:606286.5/18

Out: 80.031 $\pm$ 0.019 χ^2 /NDF:749165.3/20

All: 79.065 $\pm$ 0.014 χ^2 /NDF: 1360488.5/39

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 99.248+/-288.957 χ^2/NDF : 6.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Left: 72.428+/-215.815 χ^2/NDF : 6.3/4

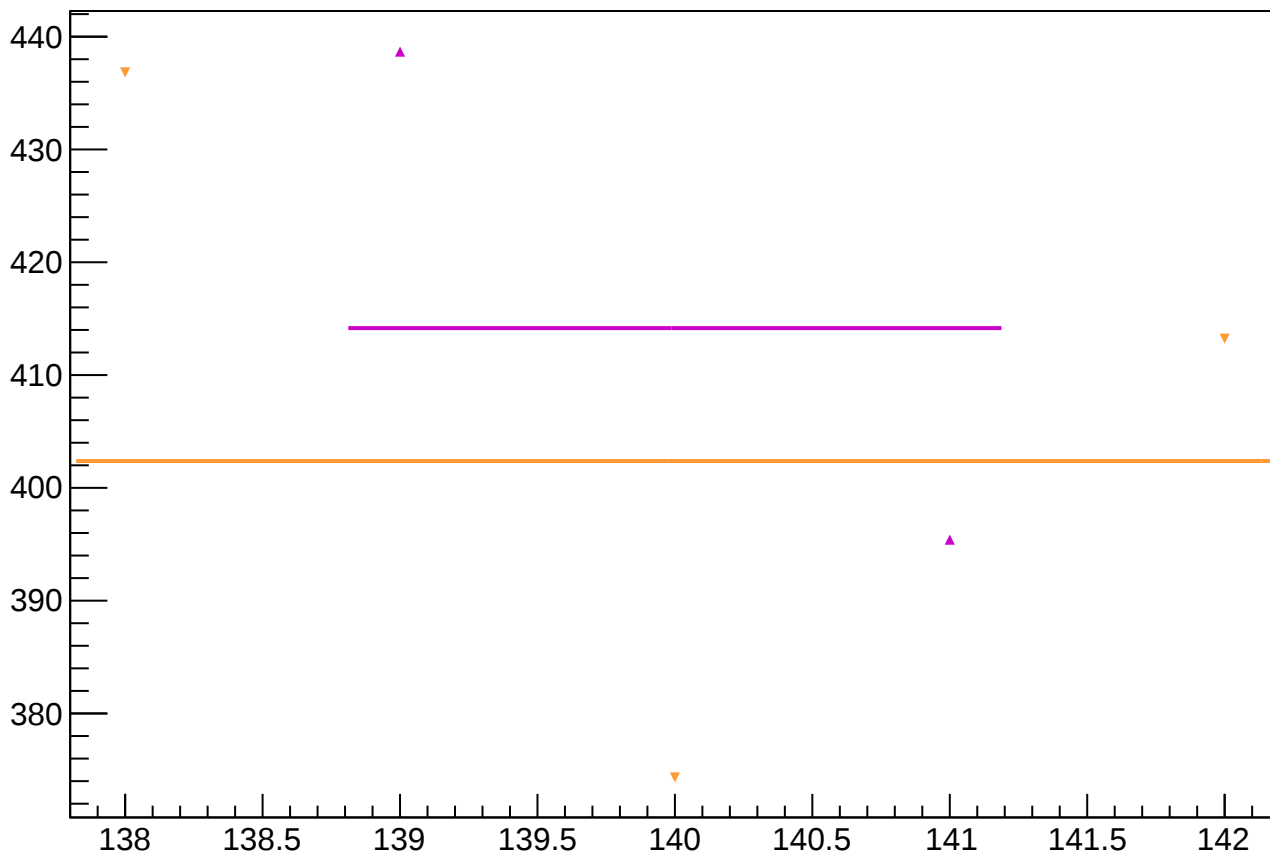
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Out: 99.248+/-288.957 χ^2/NDF : 6.2/2

All: 72.428+/-215.815 χ^2/NDF : 6.3/4

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 402.380 ± 0.204 χ^2/NDF : 18530.8/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 414.164 ± 0.229 χ^2/NDF : 8729.8/1

Left: 407.591 ± 0.153 χ^2/NDF : 28731.4/4

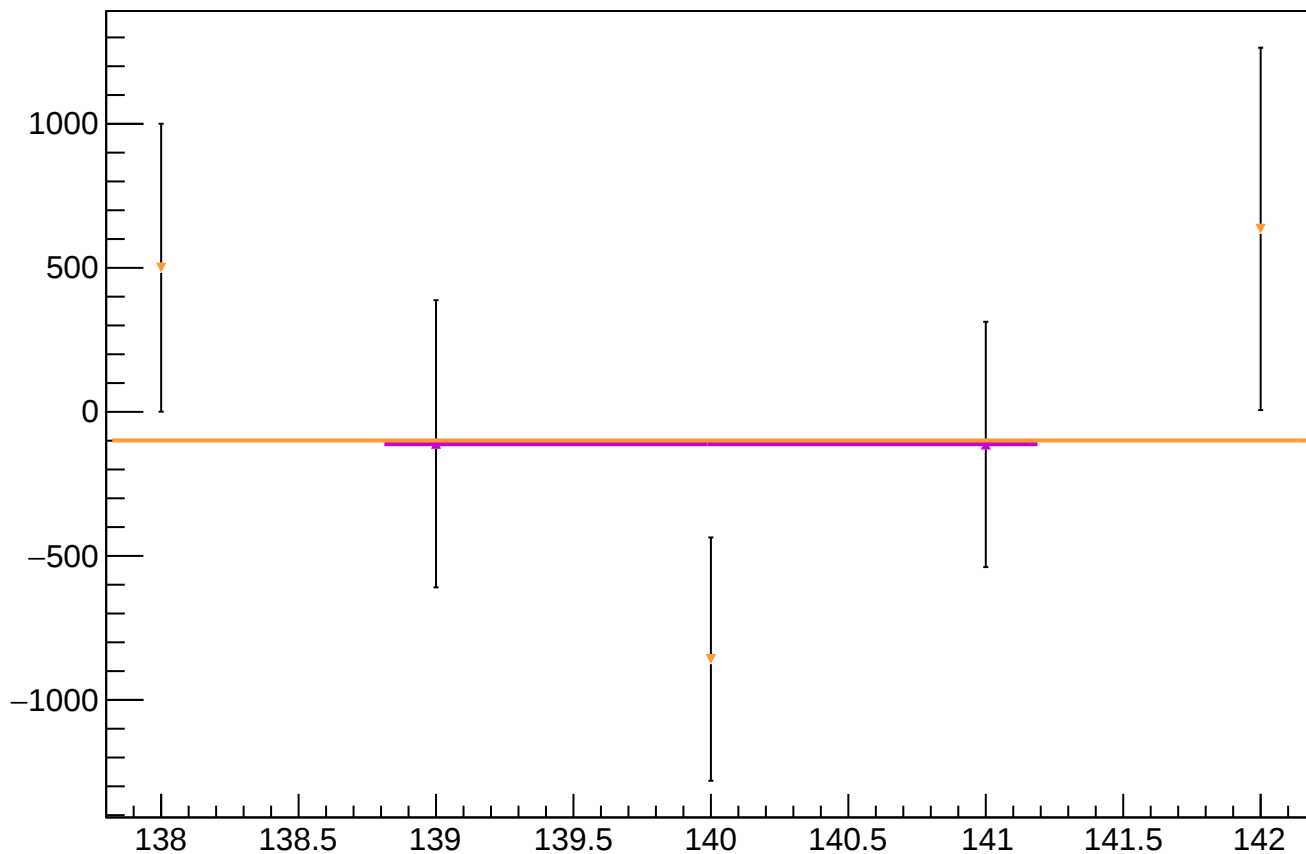
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 414.164 ± 0.229 χ^2/NDF : 8729.8/1

Out: 402.380 ± 0.204 χ^2/NDF : 18530.8/2

All: 407.591 ± 0.153 χ^2/NDF : 28731.4/4

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -99.010 $\pm$ 287.098 χ^2 /NDF:6.0/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

Left: -104.744 $\pm$ 214.805 χ^2 /NDF: 6.0/4

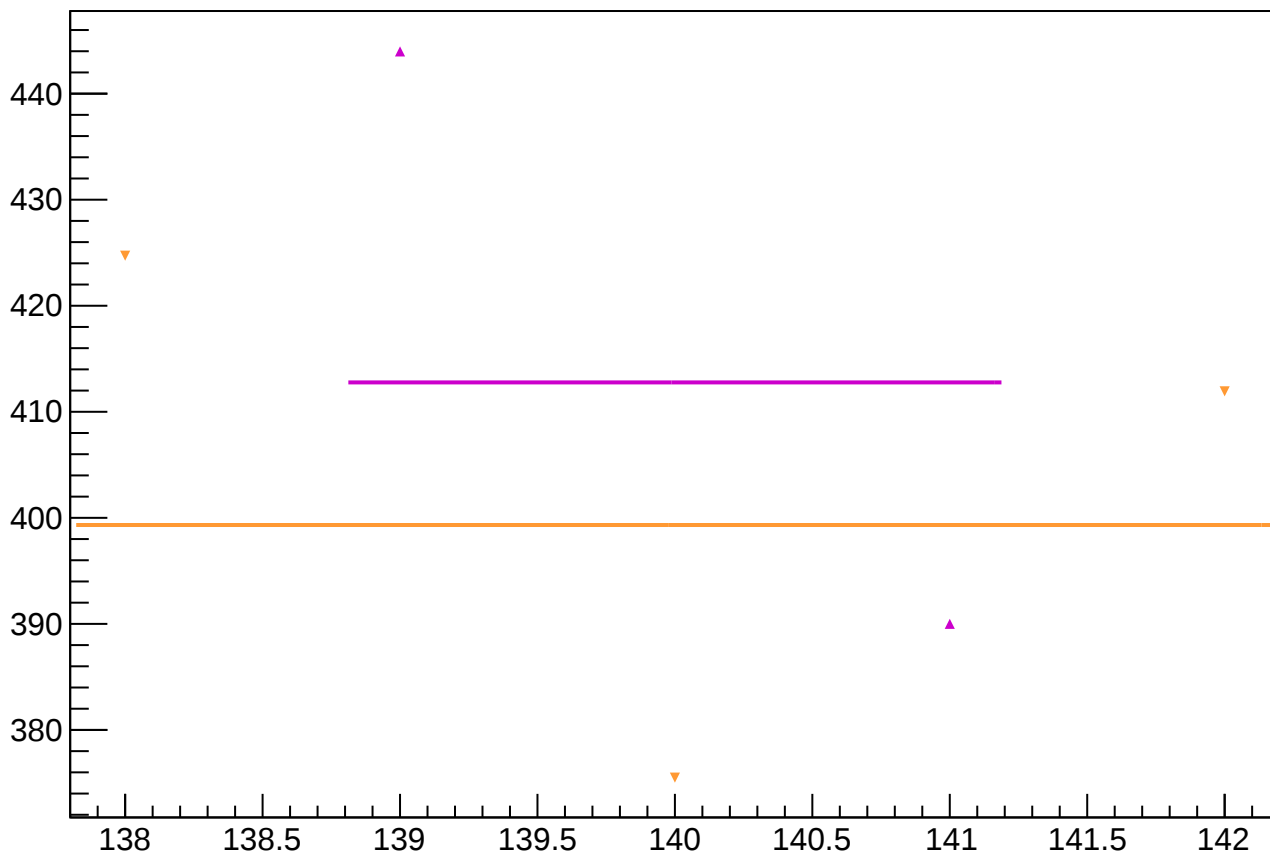
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

Out: -99.010 $\pm$ 287.098 χ^2 /NDF:6.0/2

All: -104.744 $\pm$ 214.805 χ^2 /NDF: 6.0/4

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 399.325+/-0.203 χ^2/NDF :12325.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Left: 405.244+/-0.152 χ^2/NDF : 27814.0/4

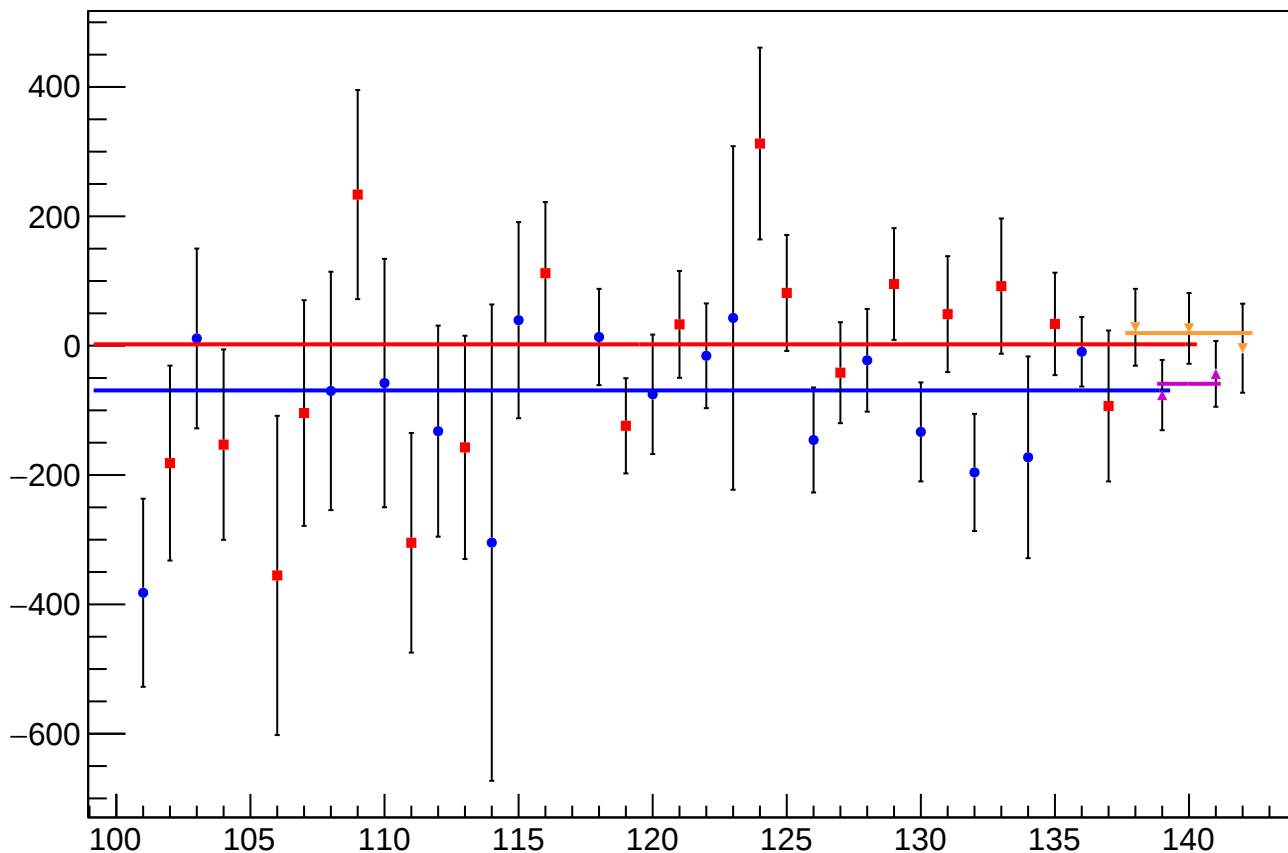
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Out: 399.325+/-0.203 χ^2/NDF :12325.0/2

All: 405.244+/-0.152 χ^2/NDF : 27814.0/4

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 19.505 ± 34.730 $\chi^2/\text{NDF}: 0.2/2$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: -58.923 ± 37.120 $\chi^2/\text{NDF}: 0.2/1$

Left: -17.104 ± 25.361 $\chi^2/\text{NDF}: 2.7/4$

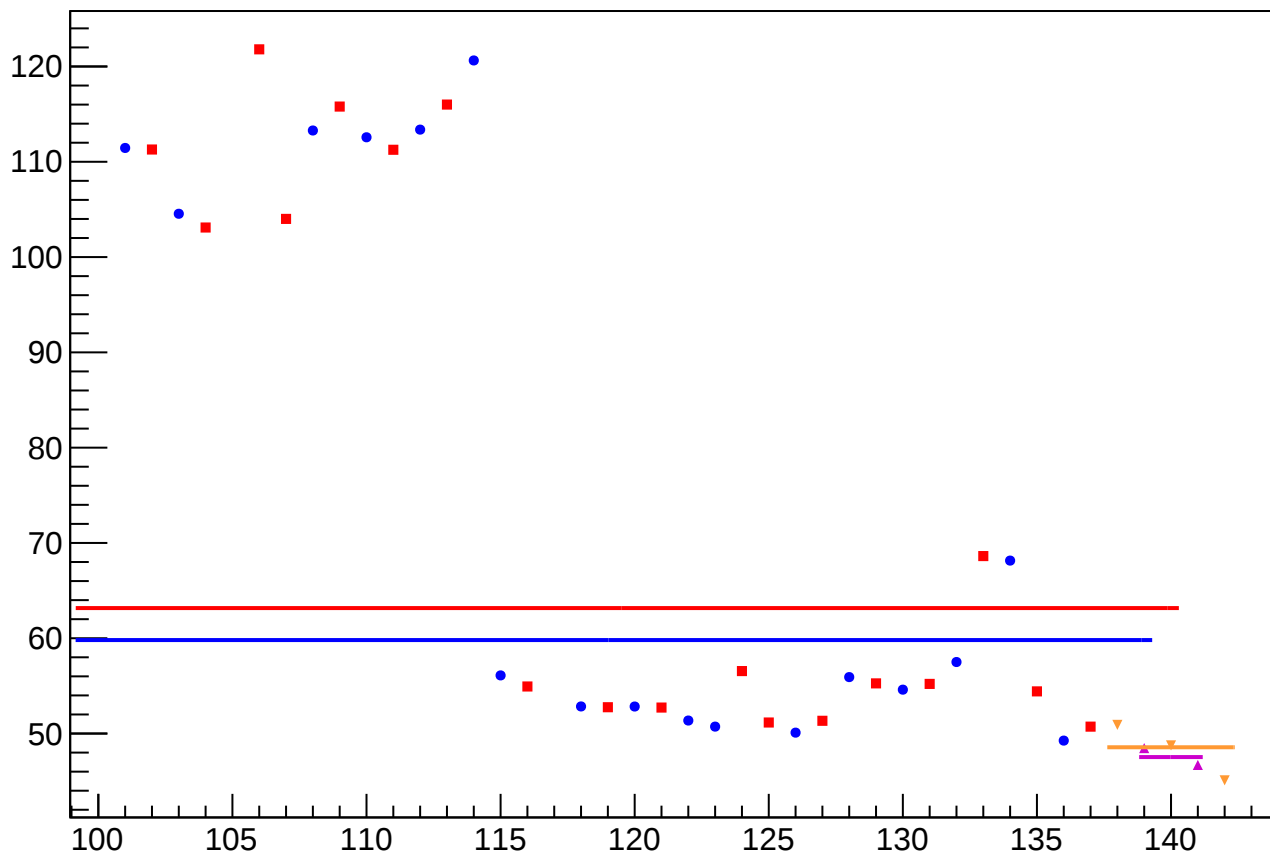
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -66.116 ± 20.308 $\chi^2/\text{NDF}: 13.7/18$

Out: 8.087 ± 20.389 $\chi^2/\text{NDF}: 24.1/20$

All: -29.164 ± 14.389 $\chi^2/\text{NDF}: 44.5/39$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 48.558+/-0.025 χ^2/NDF : 8245.6/2

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 47.530+/-0.026 χ^2/NDF : 1125.1/1

Left: 48.078+/-0.018 χ^2/NDF : 10189.1/4

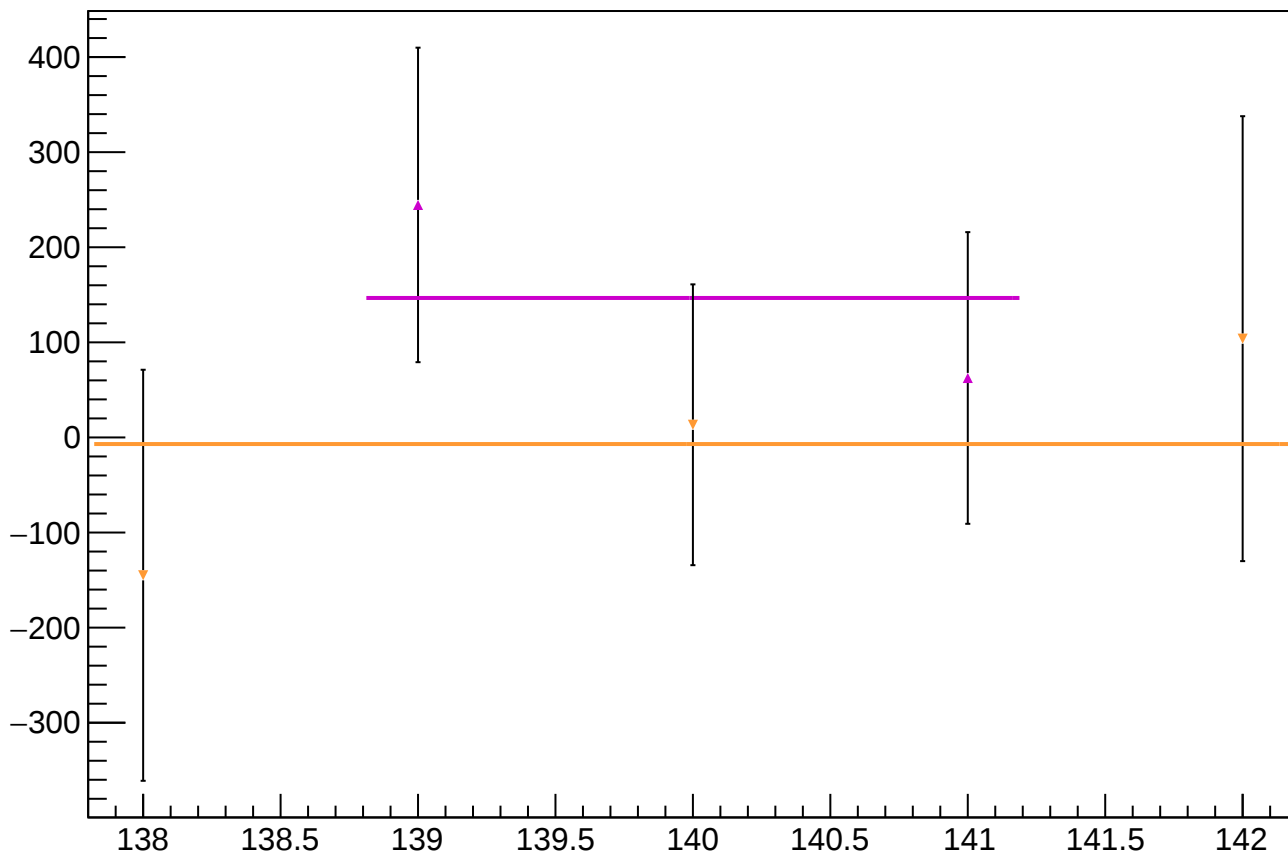
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 56.134+/-0.014 χ^2/NDF : 1384449.4/18

Out: 58.131+/-0.014 χ^2/NDF : 1627405.2/20

All: 57.128+/-0.010 χ^2/NDF : 3021488.7/39

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.944+/-108.118 χ^2/NDF : 0.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Left: 66.850+/-77.937 χ^2/NDF : 2.3/4

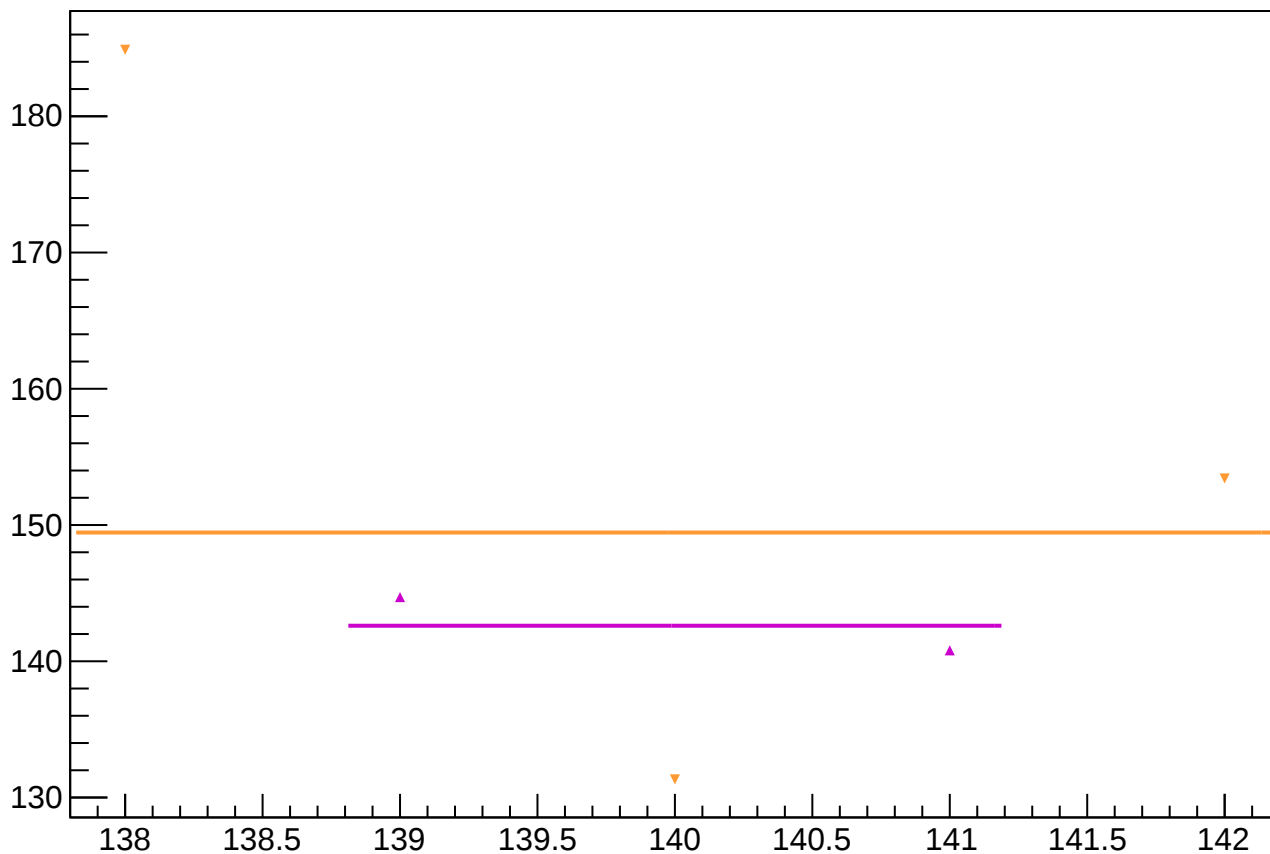
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Out: -6.944+/-108.118 χ^2/NDF : 0.7/2

All: 66.850+/-77.937 χ^2/NDF : 2.3/4

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 149.450+/-0.076 χ^2/NDF : 84447.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.609+/-0.080 χ^2/NDF : 600.4/1

Left: 146.164+/-0.055 χ^2/NDF : 88893.9/4

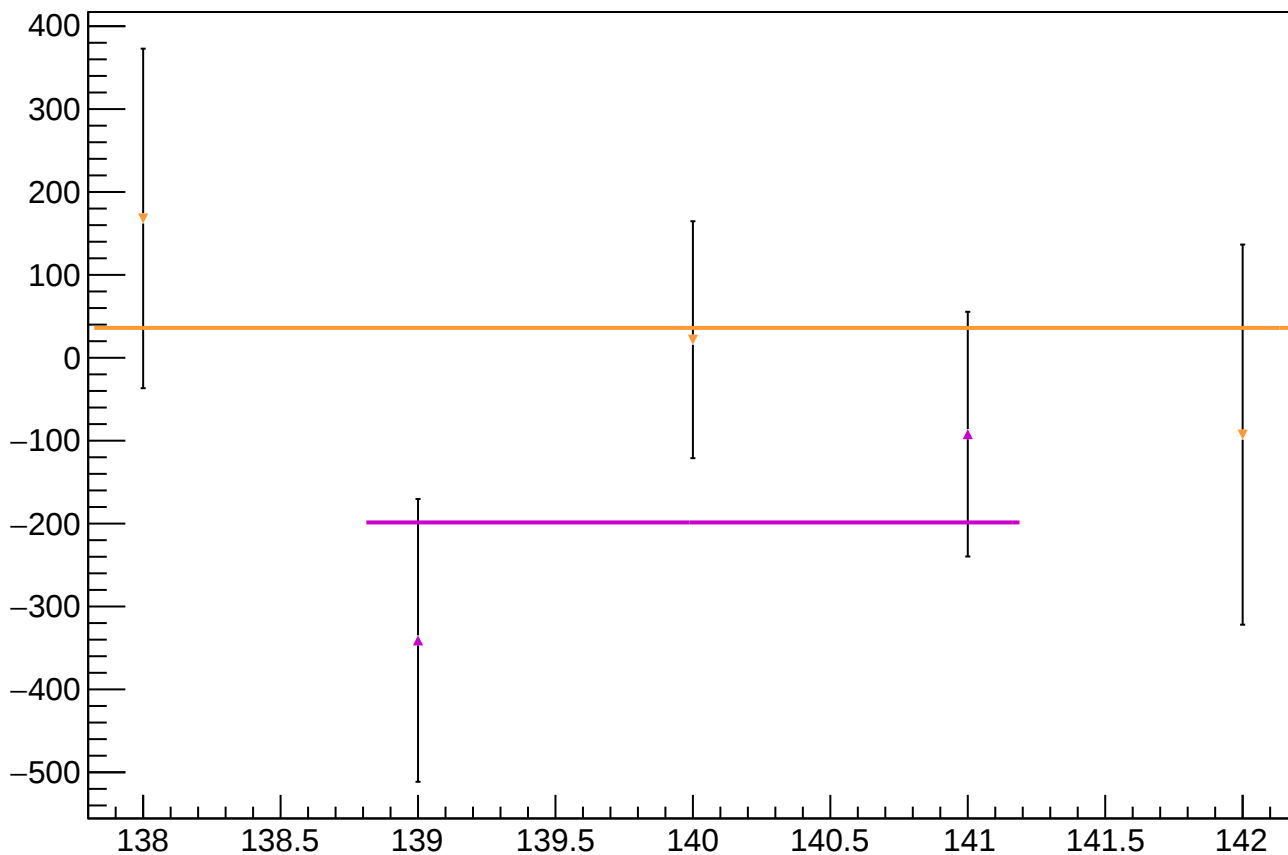
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.609+/-0.080 χ^2/NDF : 600.4/1

Out: 149.450+/-0.076 χ^2/NDF : 84447.4/2

All: 146.164+/-0.055 χ^2/NDF : 88893.9/4

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 36.071 ± 104.347 χ^2/NDF : 0.7/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -198.601 ± 111.613 χ^2/NDF : 1.2/1

Left: -73.378 ± 76.224 χ^2/NDF : 4.3/4

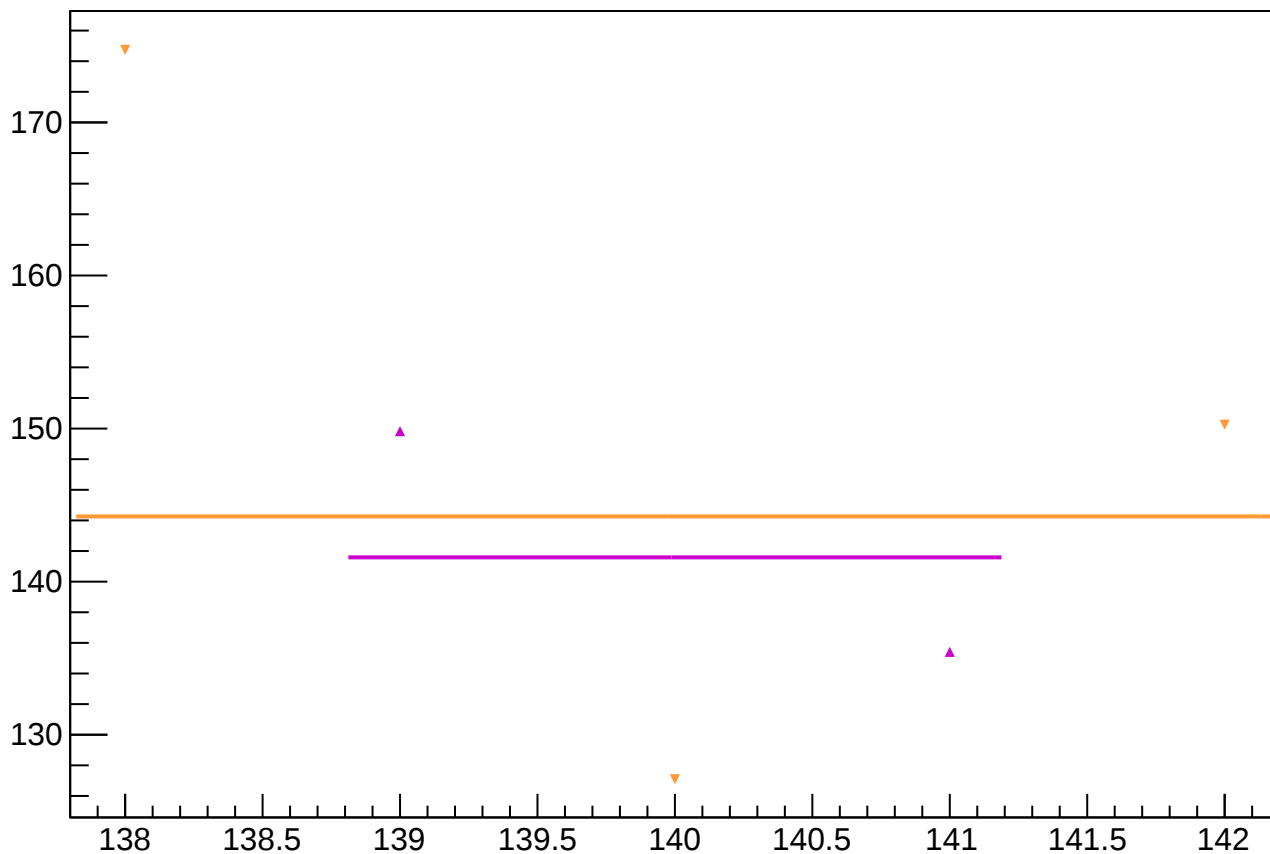
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -198.601 ± 111.613 χ^2/NDF : 1.2/1

Out: 36.071 ± 104.347 χ^2/NDF : 0.7/2

All: -73.378 ± 76.224 χ^2/NDF : 4.3/4

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.260+/-0.074 χ^2/NDF : 74541.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Left: 143.013+/-0.054 χ^2/NDF : 83326.4/4

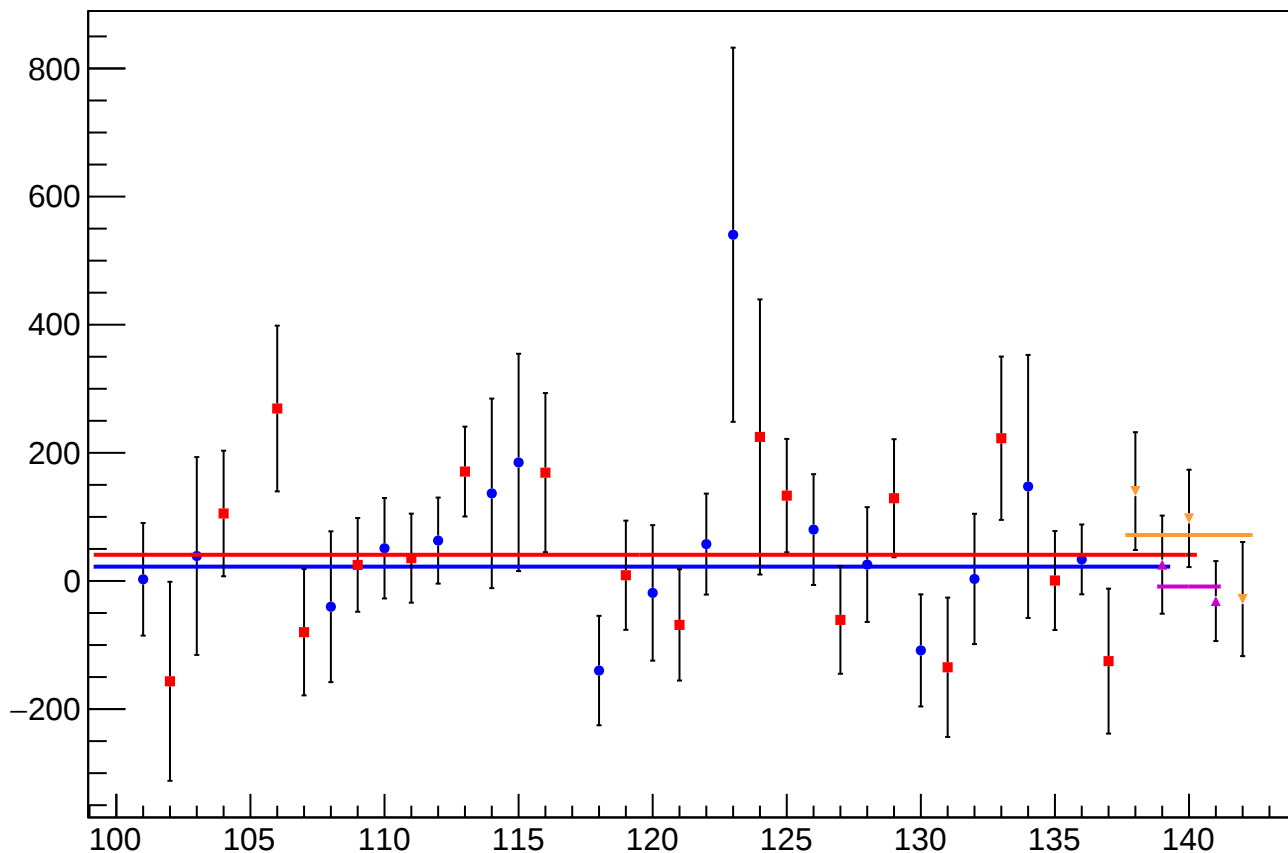
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Out: 144.260+/-0.074 χ^2/NDF : 74541.3/2

All: 143.013+/-0.054 χ^2/NDF : 83326.4/4

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 71.723 $\pm$ 48.940 χ^2 /NDF: 1.9/2

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: -8.682 $\pm$ 48.388 χ^2 /NDF: 0.3/1

Left: 31.064 $\pm$ 34.409 χ^2 /NDF: 3.6/4

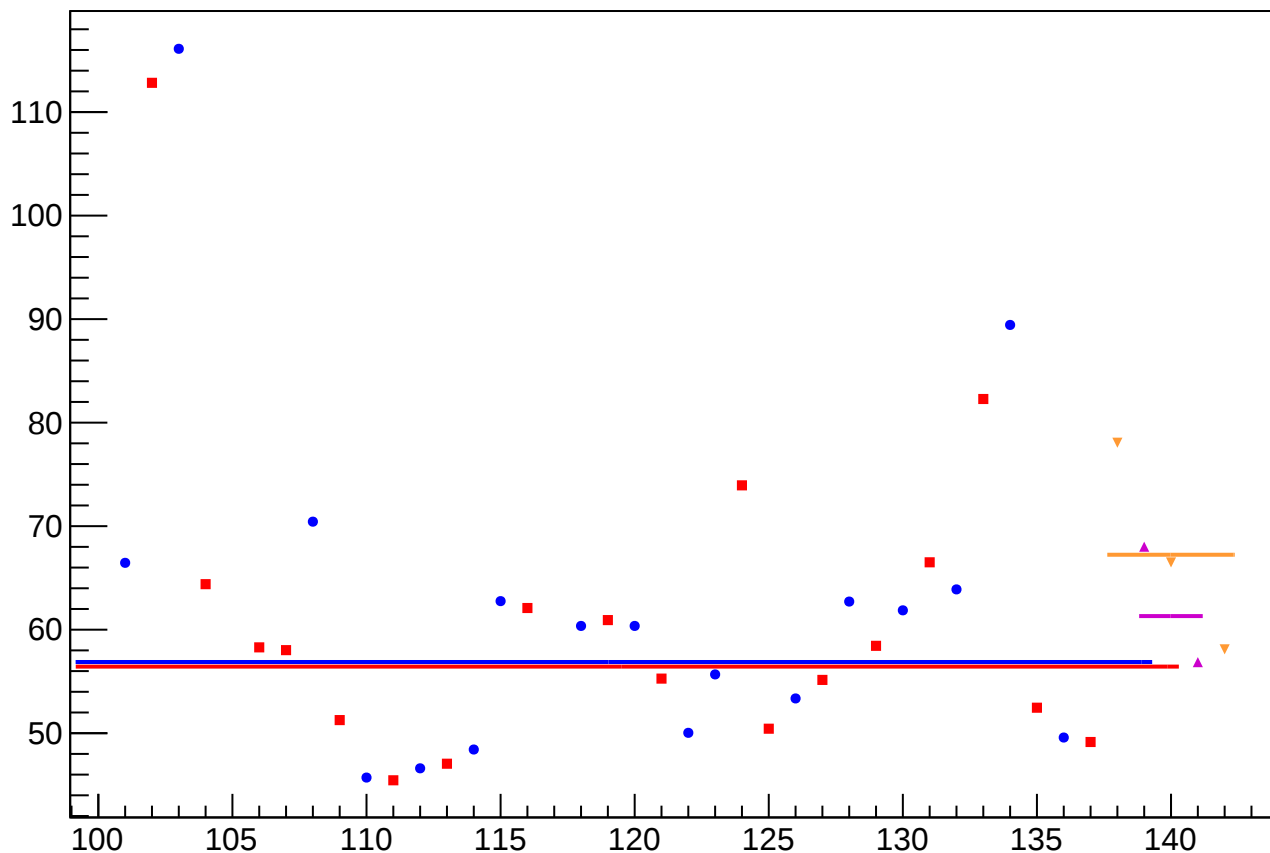
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 16.792 $\pm$ 20.495 χ^2 /NDF: 13.3/18

Out: 46.108 $\pm$ 20.169 χ^2 /NDF: 26.5/20

All: 31.685 $\pm$ 14.376 χ^2 /NDF: 40.8/39

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 67.239 $\pm$ 0.035 χ^2 /NDF: 48931.3/2

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 61.314 $\pm$ 0.034 χ^2 /NDF: 25476.2/1

Left: 64.243 $\pm$ 0.024 χ^2 /NDF: 89231.1/4

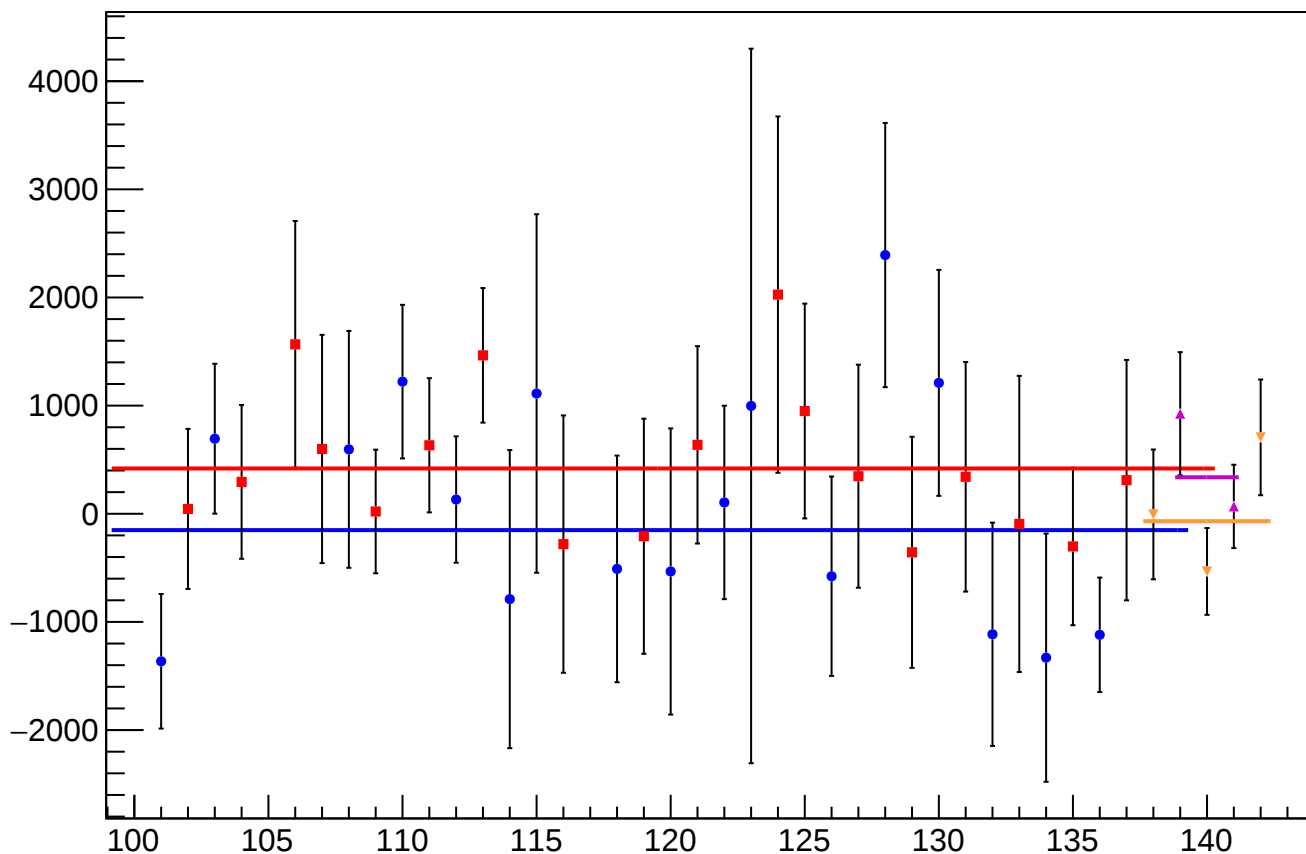
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.674 $\pm$ 0.014 χ^2 /NDF: 614752.5/18

Out: 58.269 $\pm$ 0.014 χ^2 /NDF: 650320.4/20

All: 57.977 $\pm$ 0.010 χ^2 /NDF: 1265928.4/39

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -68.467 $\pm$ 283.086 χ^2 /NDF: 3.5/2

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 337.611 $\pm$ 319.089 χ^2 /NDF: 1.6/1

Left: 110.380 $\pm$ 211.762 χ^2 /NDF: 5.9/4

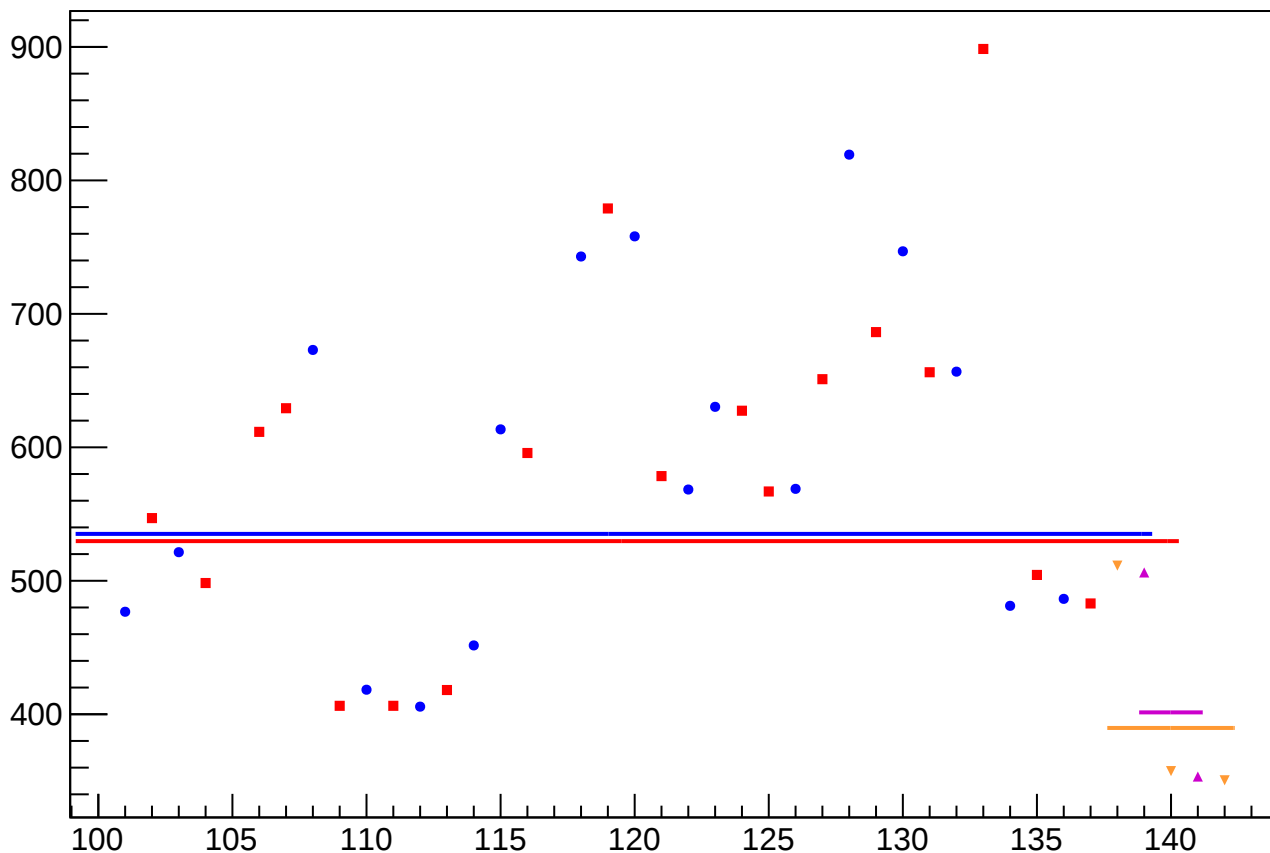
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: -1.065 $\pm$ 176.838 χ^2 /NDF: 25.6/18

Out: 250.949 $\pm$ 166.069 χ^2 /NDF: 13.8/20

All: 132.849 $\pm$ 121.057 χ^2 /NDF: 40.5/39

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 389.733+/-0.200 χ^2/NDF : 105896.6/2

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 401.397+/-0.226 χ^2/NDF : 99000.7/1

Left: 394.870+/-0.150 χ^2/NDF : 206392.9/4

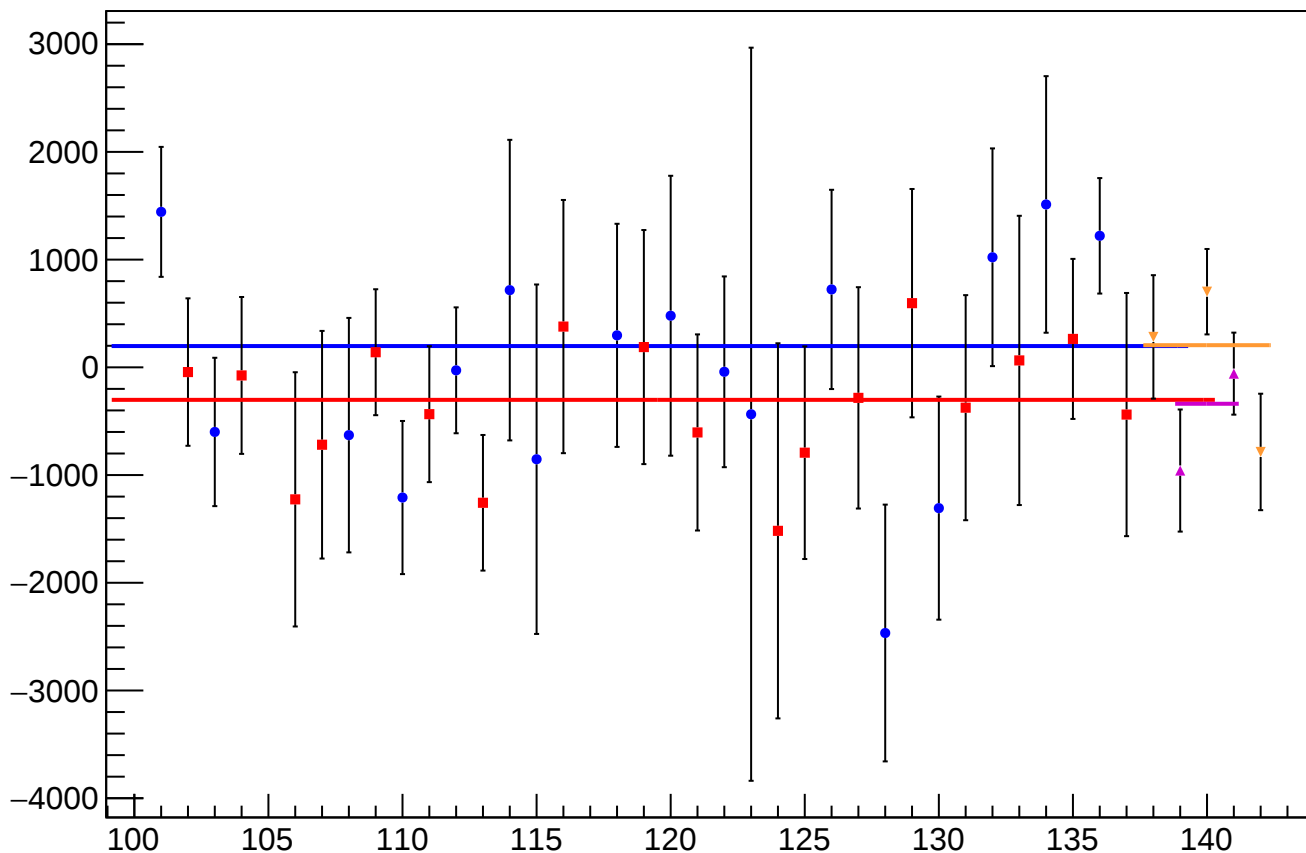
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 494.061+/-0.125 χ^2/NDF : 938518.4/18

Out: 481.544+/-0.117 χ^2/NDF : 1073380.6/20

All: 487.410+/-0.086 χ^2/NDF : 2017223.6/39

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 205.665 $\pm$ 279.214 χ^2 /NDF:4.9/2

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -338.243 $\pm$ 316.045 χ^2 /NDF:1.7/1

Left: -32.764 $\pm$ 209.250 χ^2 /NDF: 8.3/4

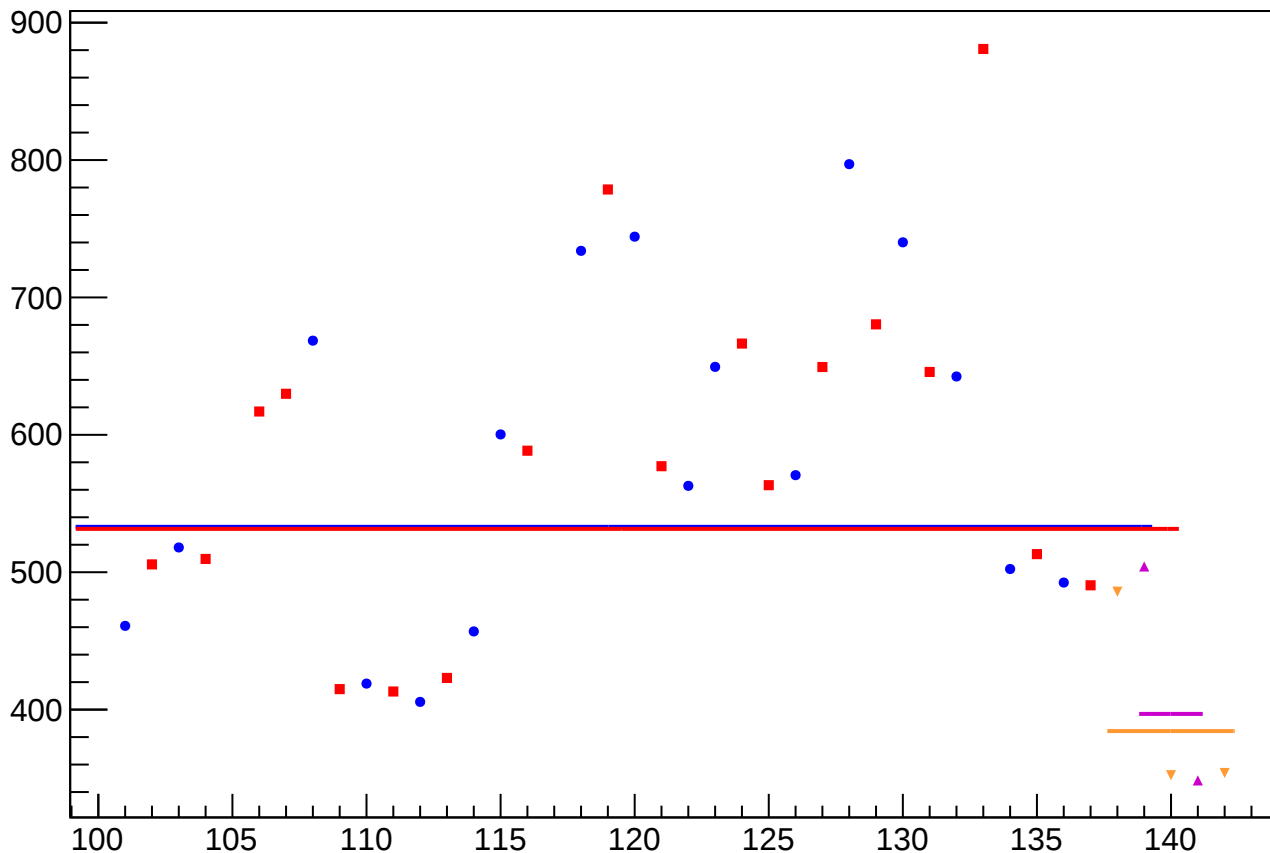
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: -123.308 $\pm$ 165.610 χ^2 /NDF:13.8/20

All: -50.339 $\pm$ 120.533 χ^2 /NDF: 41.9/39

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 384.387+/-0.197 χ^2/NDF : 82170.4/2

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 396.868+/-0.223 χ^2/NDF : 104018.1/1

Left: 389.858+/-0.148 χ^2/NDF : 187940.2/4

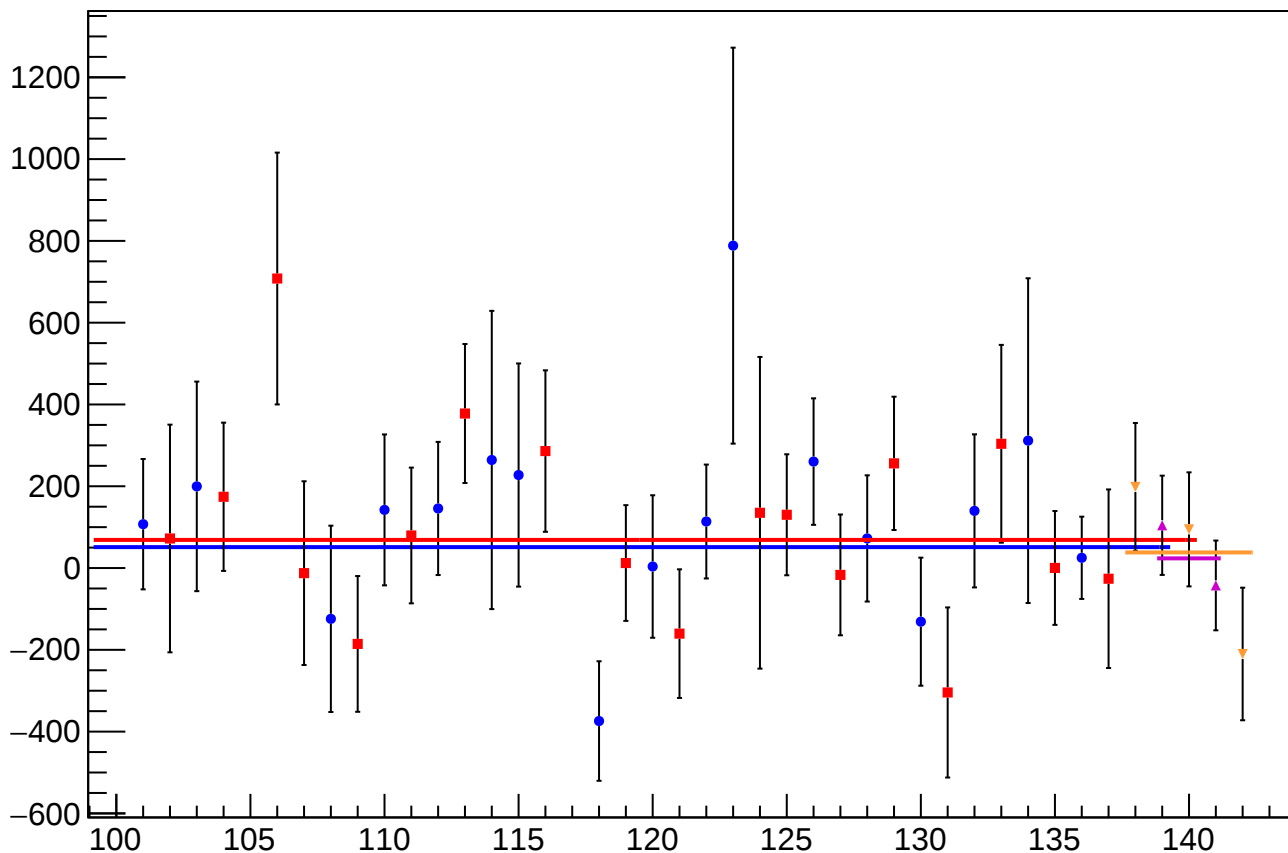
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 479.783+/-0.117 χ^2/NDF : 1040265.4/20

All: 485.021+/-0.085 χ^2/NDF : 1971811.3/39

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 38.159+/-87.575 χ^2/NDF : 3.6/2

Right Out: 68.779+/-42.803 χ^2/NDF : 20.4/17

Left In: 23.666+/-81.410 χ^2/NDF : 0.8/1

Left: 30.385+/-59.626 χ^2/NDF : 4.4/4

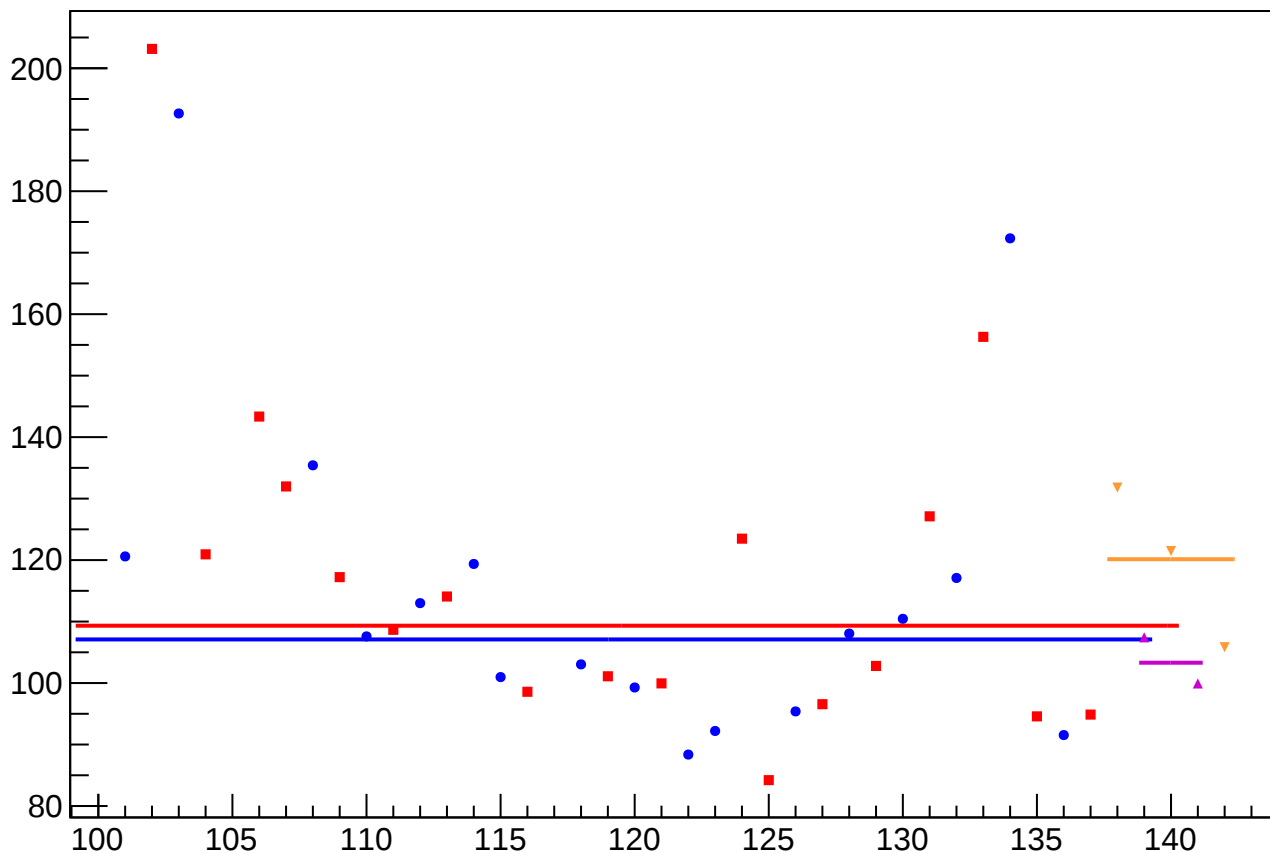
Right: 59.892+/-30.129 χ^2/NDF : 37.8/34

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 62.875+/-38.456 χ^2/NDF : 24.0/20

All: 53.891+/-26.891 χ^2/NDF : 42.4/39

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 120.141 $\pm$ 0.062 χ^2 /NDF: 26874.1/2

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 103.309 $\pm$ 0.058 χ^2 /NDF: 4201.2/1

Left: 111.112 $\pm$ 0.042 χ^2 /NDF: 70711.8/4

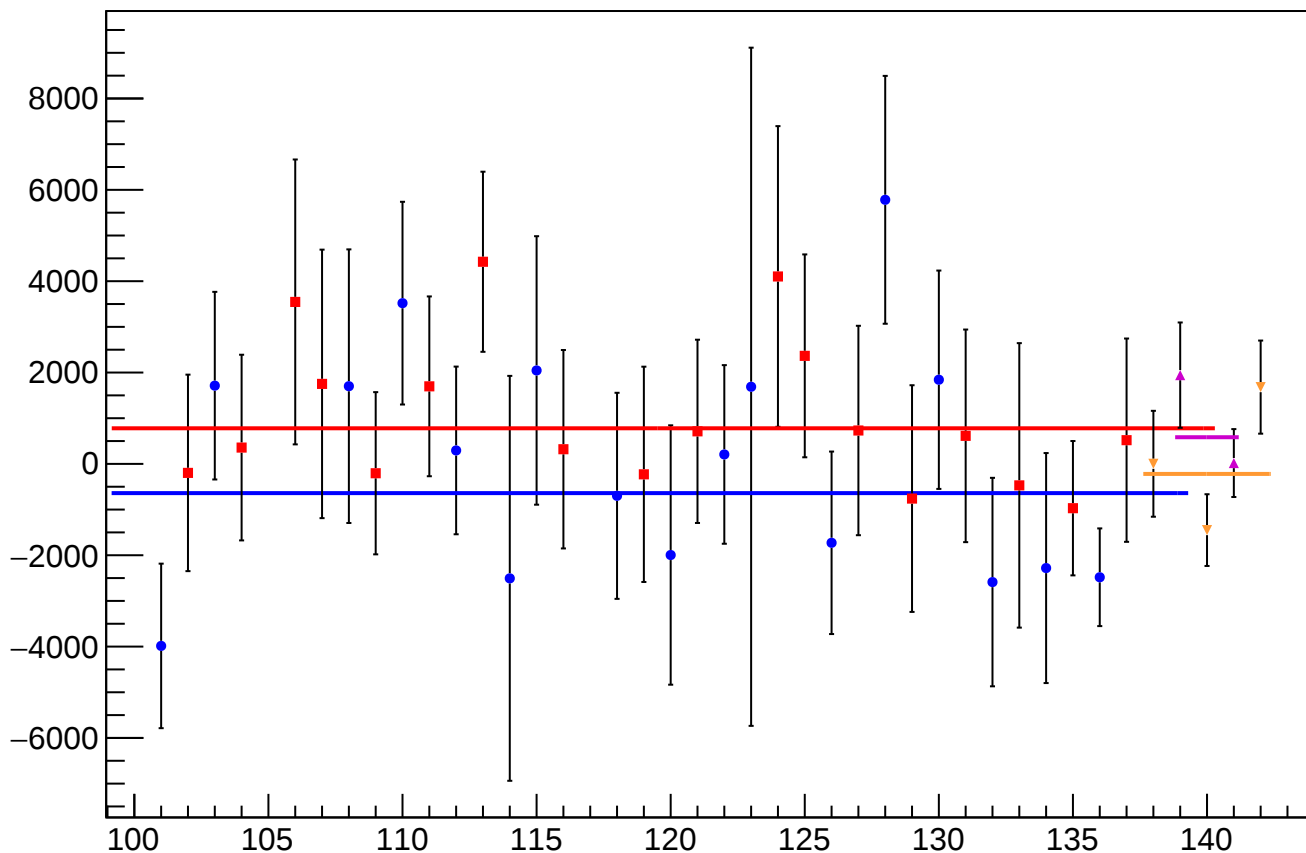
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 106.286 $\pm$ 0.027 χ^2 /NDF: 445356.7/18

Out: 111.414 $\pm$ 0.027 χ^2 /NDF: 557505.5/20

All: 108.793 $\pm$ 0.019 χ^2 /NDF: 1021039.4/39

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -219.644+/-548.131 χ^2/NDF : 6.0/2

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 583.662+/-624.845 χ^2/NDF : 2.0/1

Left: 129.695+/-412.056 χ^2/NDF : 8.9/4

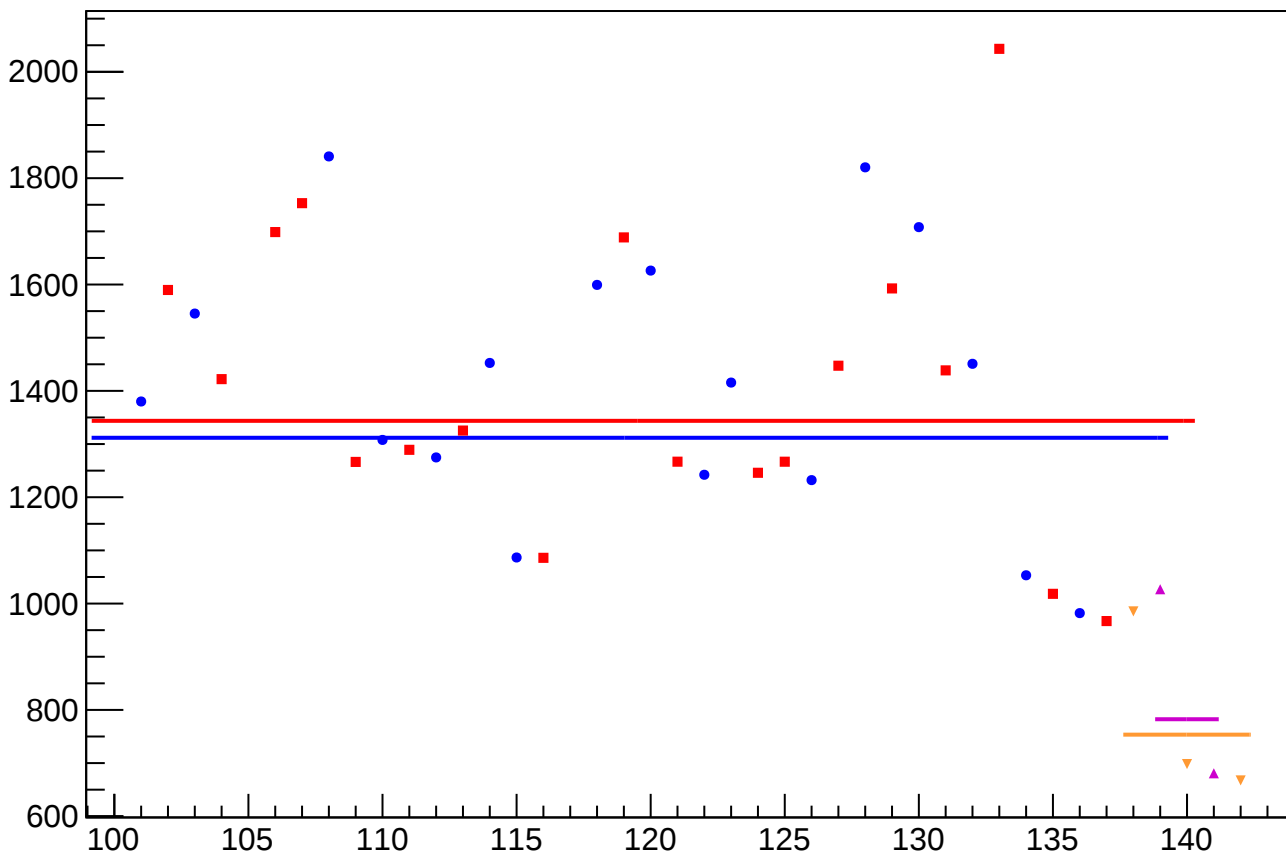
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -140.066+/-399.355 χ^2/NDF : 26.0/18

Out: 309.609+/-375.887 χ^2/NDF : 16.6/20

All: 98.371+/-273.713 χ^2/NDF : 43.2/39

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 753.484+/-0.388 χ^2/NDF :104157.9/2

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 782.474+/-0.442 χ^2/NDF :127324.3/1

Left: 766.091+/-0.291 χ^2/NDF : 233915.1/4

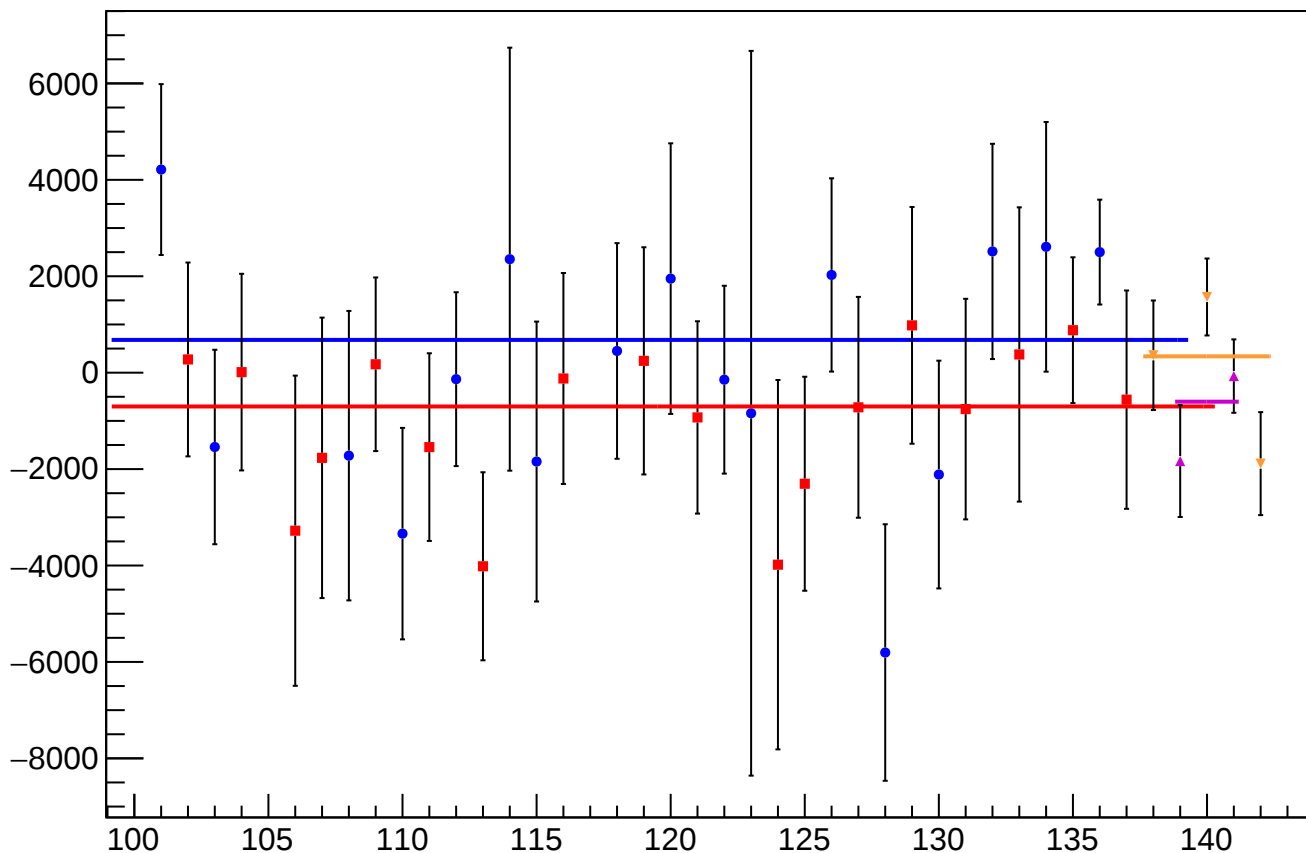
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 1095.577+/-0.282 χ^2/NDF :1488966.1/18

Out: 1066.119+/-0.266 χ^2/NDF :1793396.9/20

All: 1079.957+/-0.194 χ^2/NDF : 3288133.4/39

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 338.742+/-557.174 χ^2/NDF : 6.7/2

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -601.742+/-636.498 χ^2/NDF : 1.6/1

Left: -69.276+/-419.238 χ^2/NDF : 9.6/4

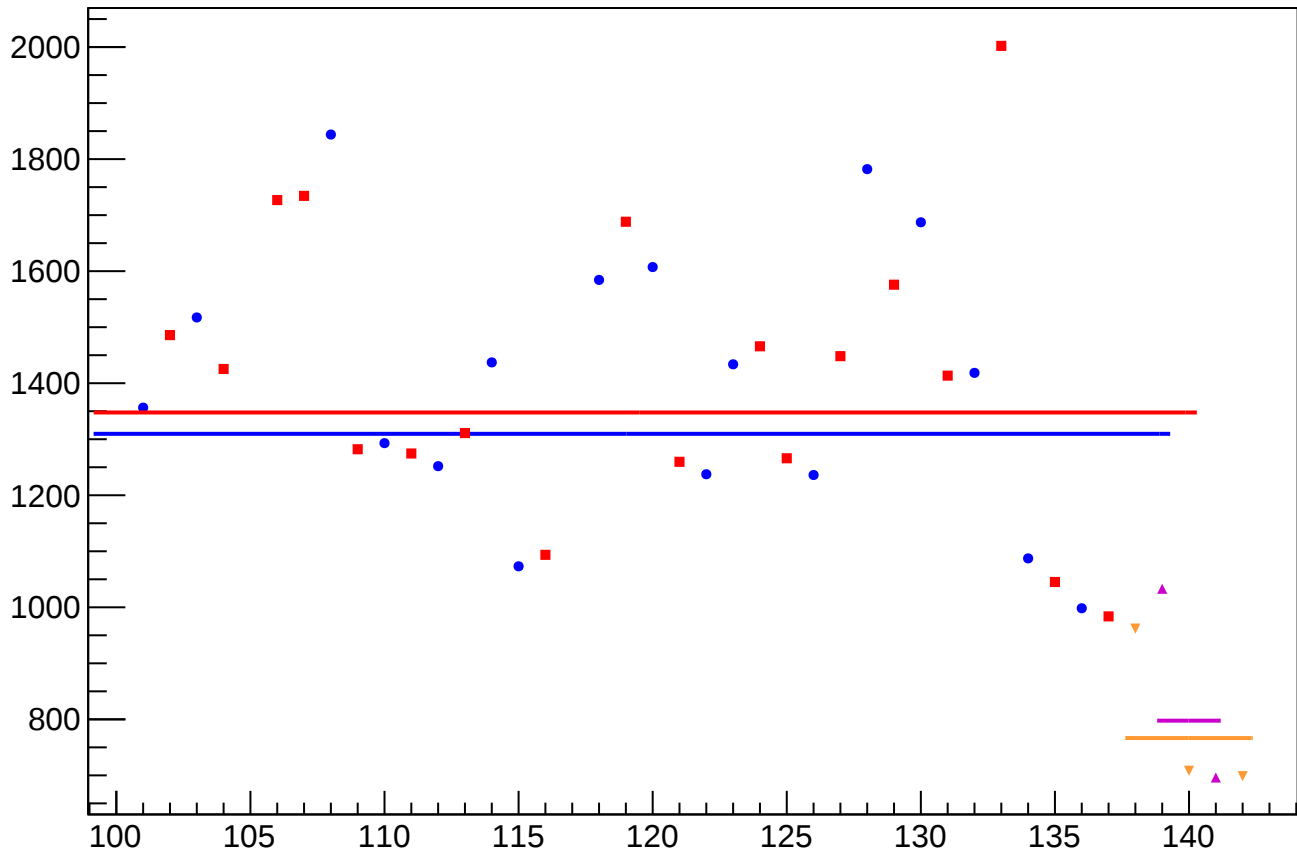
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 169.855+/-401.536 χ^2/NDF : 26.6/18

Out: -219.604+/-379.107 χ^2/NDF : 16.2/20

All: -36.055+/-275.658 χ^2/NDF : 43.3/39

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 766.631 $\pm$ 0.394 χ^2 /NDF: 77932.5/2

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

Left: 780.090 $\pm$ 0.296 χ^2 /NDF: 198544.0/4

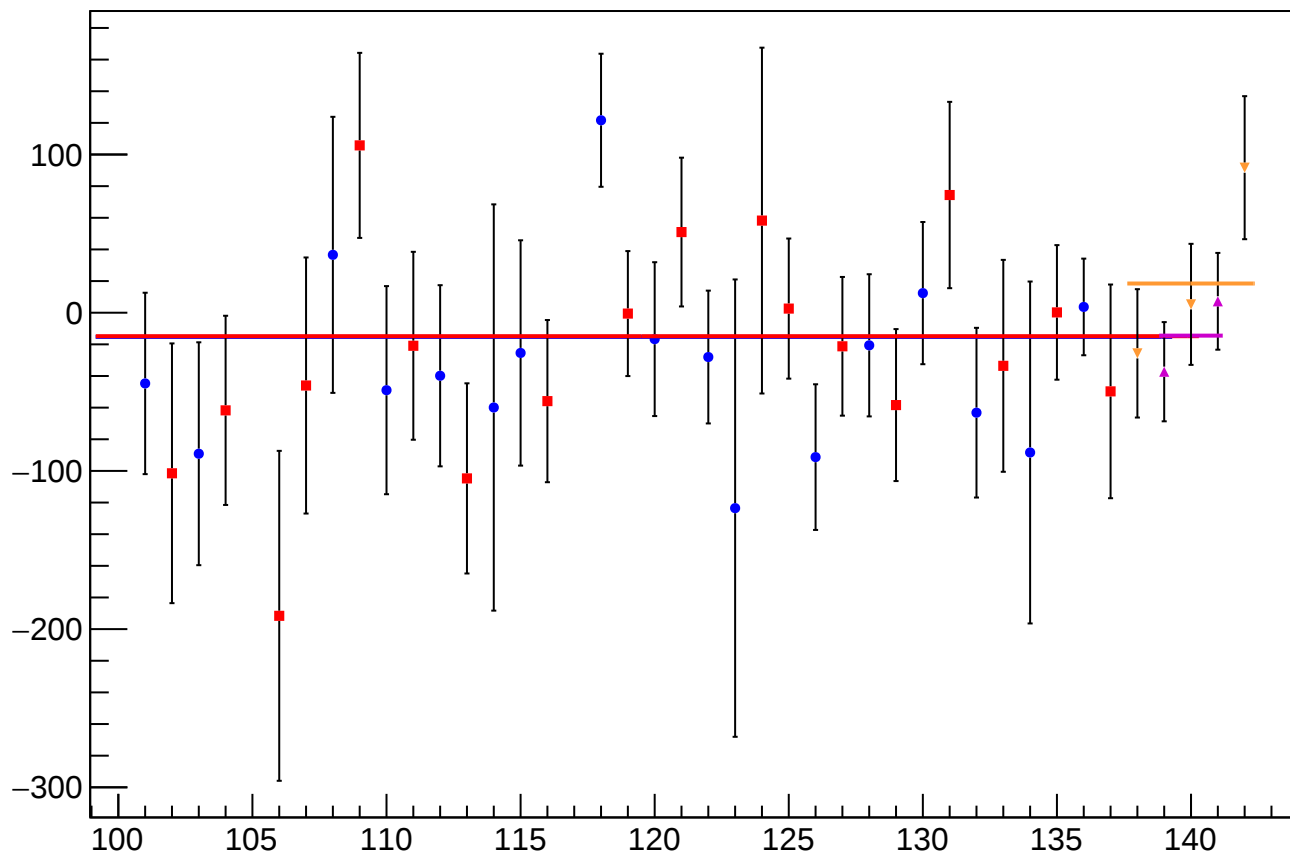
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 1105.891 $\pm$ 0.284 χ^2 /NDF: 1356333.7/18

Out: 1078.725 $\pm$ 0.268 χ^2 /NDF: 1651732.0/20

All: 1091.528 $\pm$ 0.195 χ^2 /NDF: 3012905.8/39

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 18.459 ± 23.702 χ^2/NDF : 3.9/2

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -14.485 ± 21.895 χ^2/NDF : 1.0/1

Left: 0.683 ± 16.083 χ^2/NDF : 6.0/4

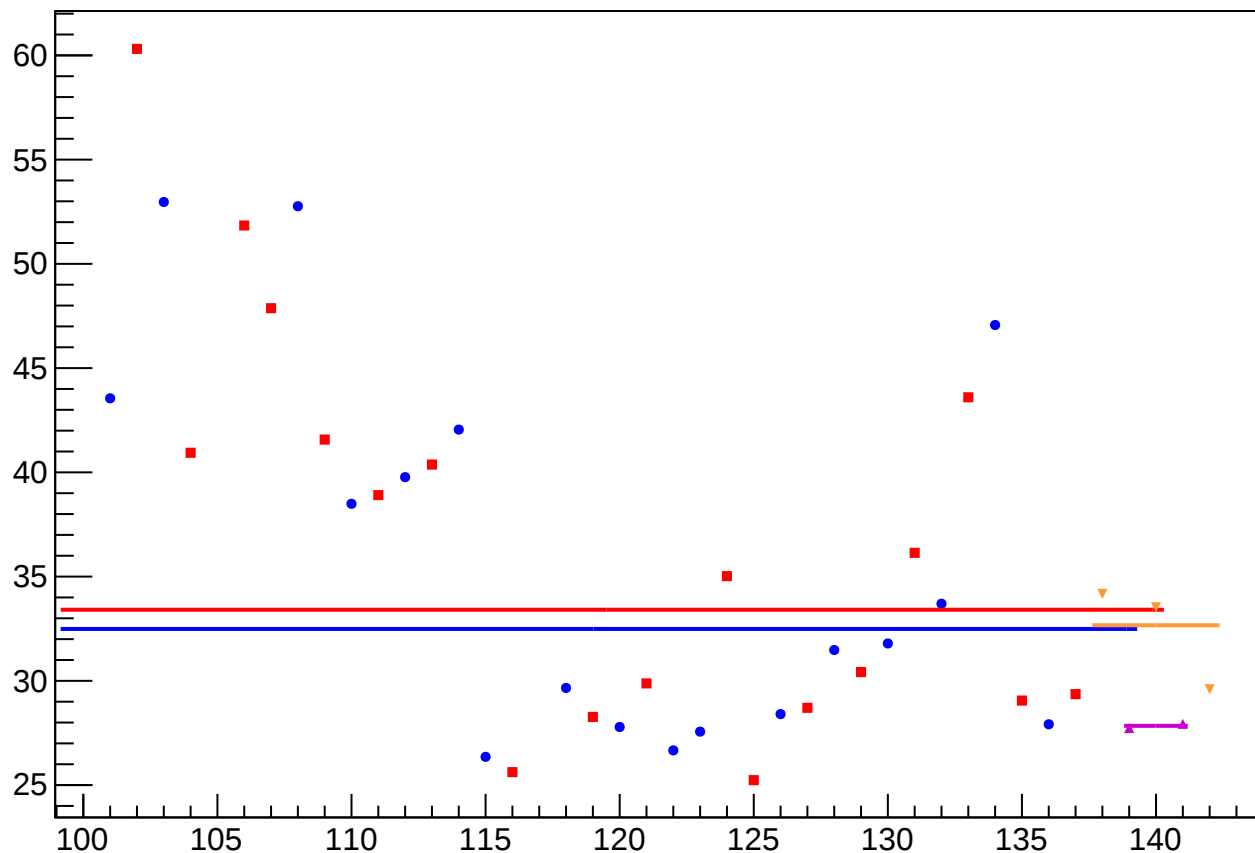
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -15.076 ± 11.119 χ^2/NDF : 19.4/18

Out: -7.049 ± 11.464 χ^2/NDF : 23.6/20

All: -11.185 ± 7.981 χ^2/NDF : 43.2/39

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 32.667 $\pm$ 0.017 χ^2 /NDF: 12983.8/2

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.843 $\pm$ 0.015 χ^2 /NDF: 40.5/1

Left: 30.064 $\pm$ 0.011 χ^2 /NDF: 57729.1/4

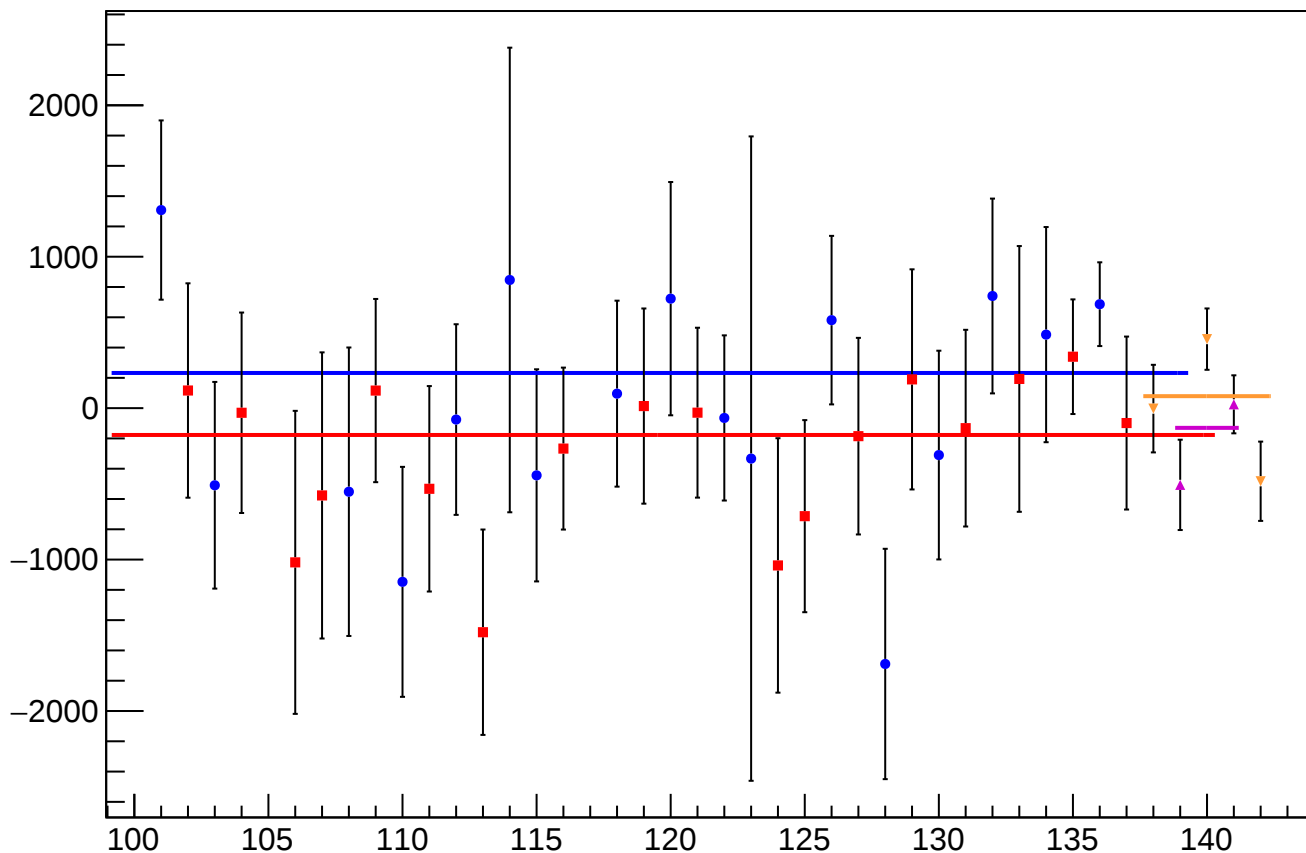
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.291 $\pm$ 0.008 χ^2 /NDF: 661364.3/18

Out: 33.237 $\pm$ 0.008 χ^2 /NDF: 739684.4/20

All: 32.234 $\pm$ 0.006 χ^2 /NDF: 1430749.1/39

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 79.105 $\pm$ 140.145 χ^2 /NDF: 8.1/2

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -130.179 $\pm$ 161.182 χ^2 /NDF: 2.3/1

Left: -10.997 $\pm$ 105.759 χ^2 /NDF: 11.4/4

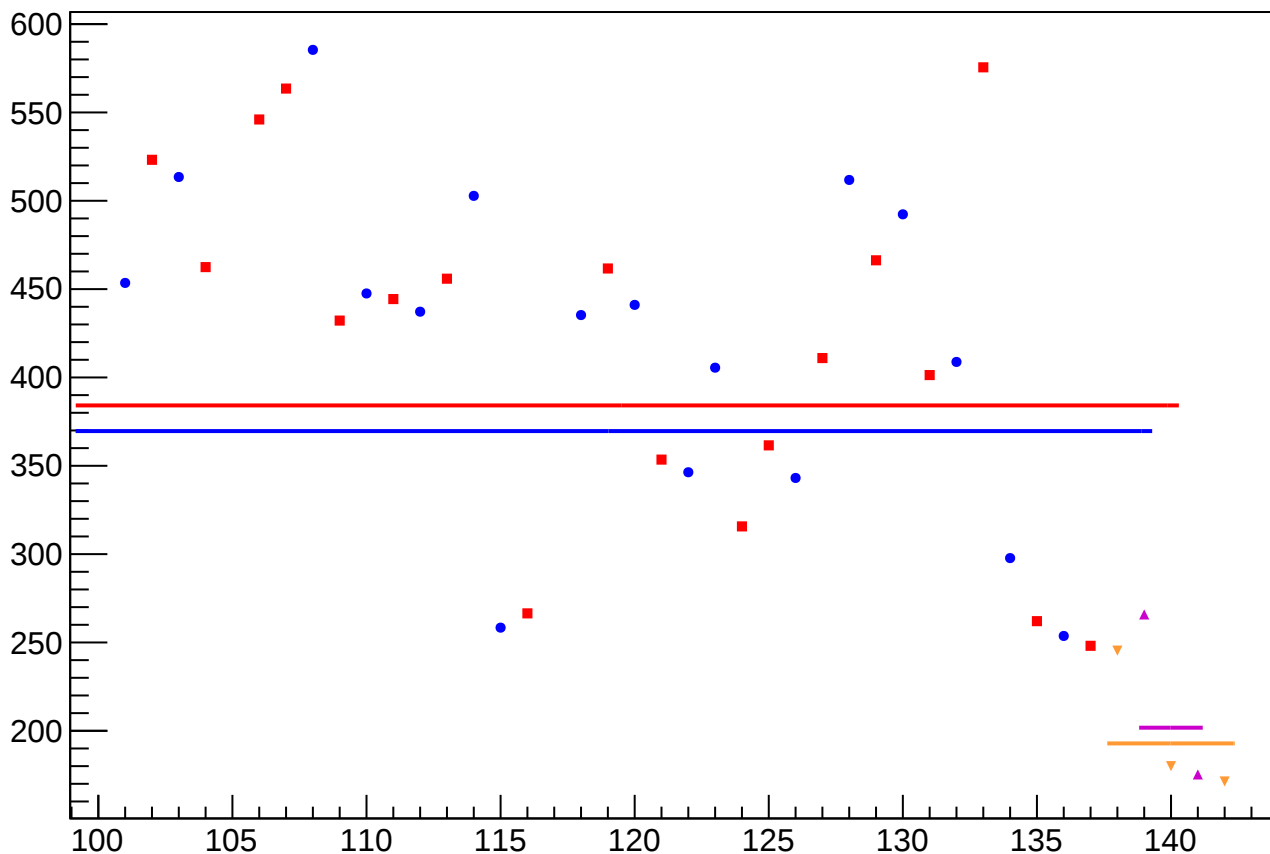
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 65.767 $\pm$ 109.257 χ^2 /NDF: 26.4/18

Out: -40.327 $\pm$ 102.405 χ^2 /NDF: 19.3/20

All: 9.290 $\pm$ 74.716 χ^2 /NDF: 46.2/39

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 192.859 $\pm$ 0.099 χ^2 /NDF: 87560.4/2

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 201.763 $\pm$ 0.114 χ^2 /NDF: 130559.8/1

Left: 196.692 $\pm$ 0.075 χ^2 /NDF: 221596.0/4

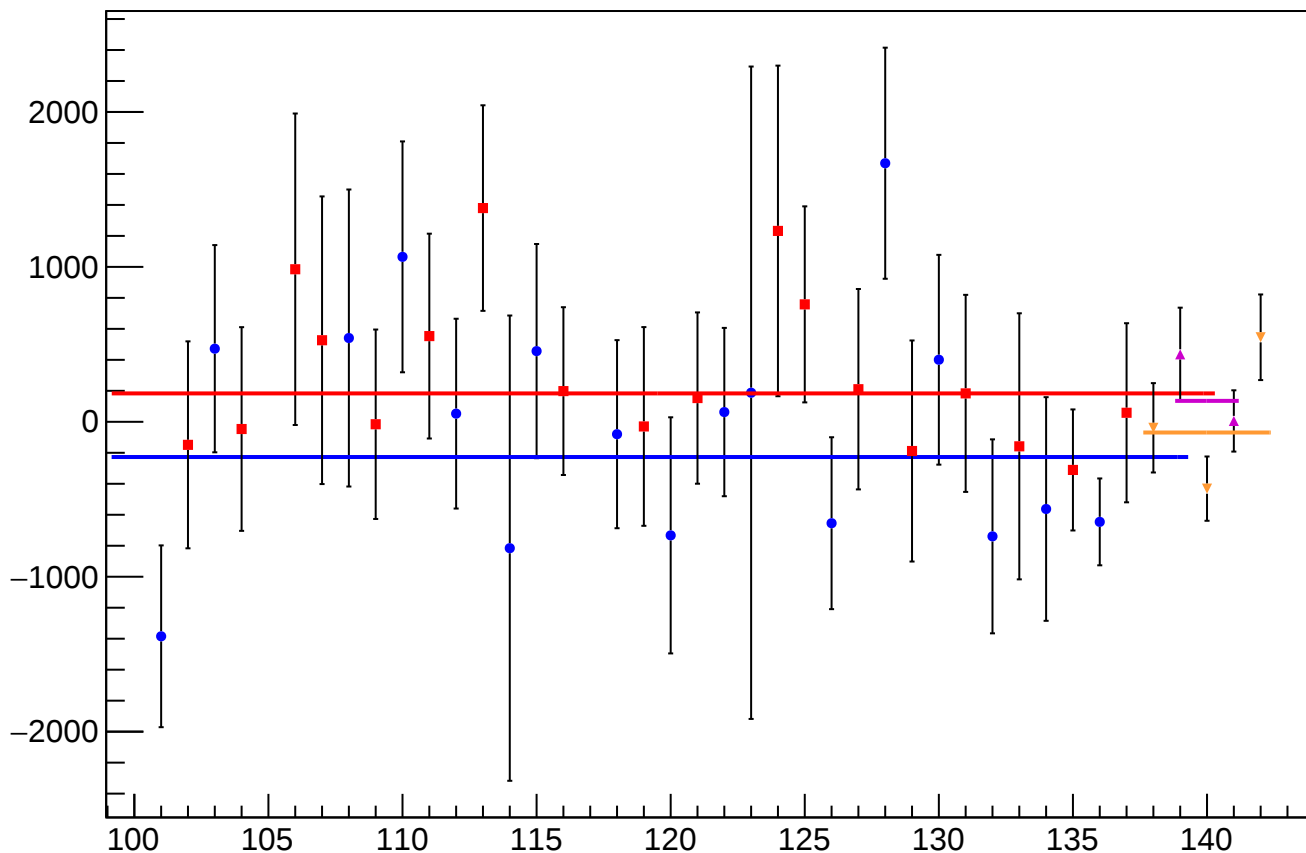
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 292.510 $\pm$ 0.077 χ^2 /NDF: 2206188.8/18

Out: 282.023 $\pm$ 0.072 χ^2 /NDF: 2699574.6/20

All: 286.927 $\pm$ 0.053 χ^2 /NDF: 4915573.1/39

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -69.051 ± 143.809 $\chi^2/\text{NDF}: 8.0/2$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 135.155 ± 165.356 $\chi^2/\text{NDF}: 1.4/1$

Left: 18.889 ± 108.512 $\chi^2/\text{NDF}: 10.3/4$

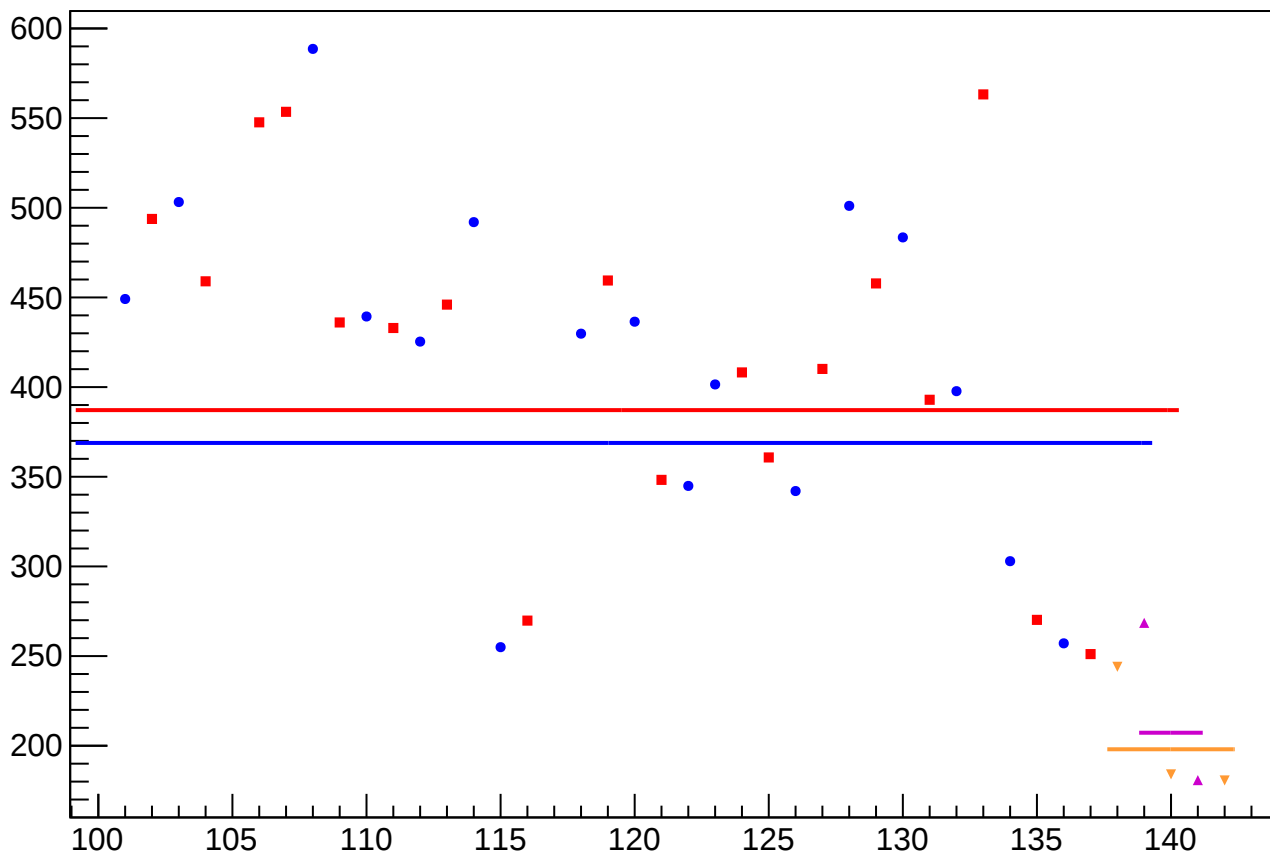
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -66.168 ± 110.247 $\chi^2/\text{NDF}: 25.9/18$

Out: 51.410 ± 103.969 $\chi^2/\text{NDF}: 18.3/20$

All: -3.936 ± 75.639 $\chi^2/\text{NDF}: 44.8/39$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 198.029 $\pm$ 0.102 χ^2/NDF : 67899.6/2

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 207.255 $\pm$ 0.117 χ^2/NDF : 118457.0/1

Left: 202.002 $\pm$ 0.077 χ^2/NDF : 189901.1/4

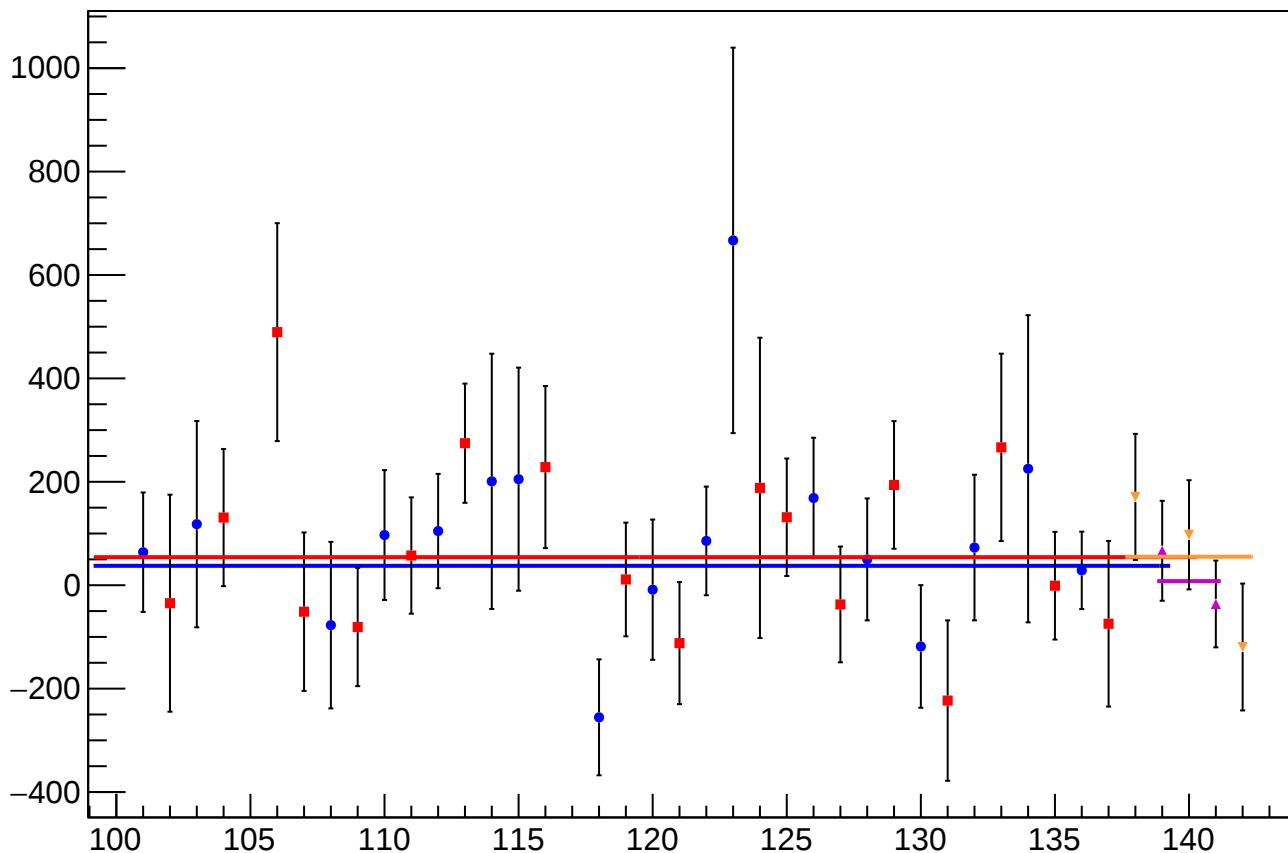
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 297.025 $\pm$ 0.078 χ^2/NDF : 2009359.0/18

Out: 288.308 $\pm$ 0.074 χ^2/NDF : 2477271.7/20

All: 292.411 $\pm$ 0.053 χ^2/NDF : 4493248.2/39

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 55.105+/-66.894 χ^2/NDF : 3.1/2

Right Out: 54.274+/-31.489 χ^2/NDF : 21.8/17

Left In: 7.951+/-63.344 χ^2/NDF : 0.6/1

Left: 30.244+/-45.995 χ^2/NDF : 4.0/4

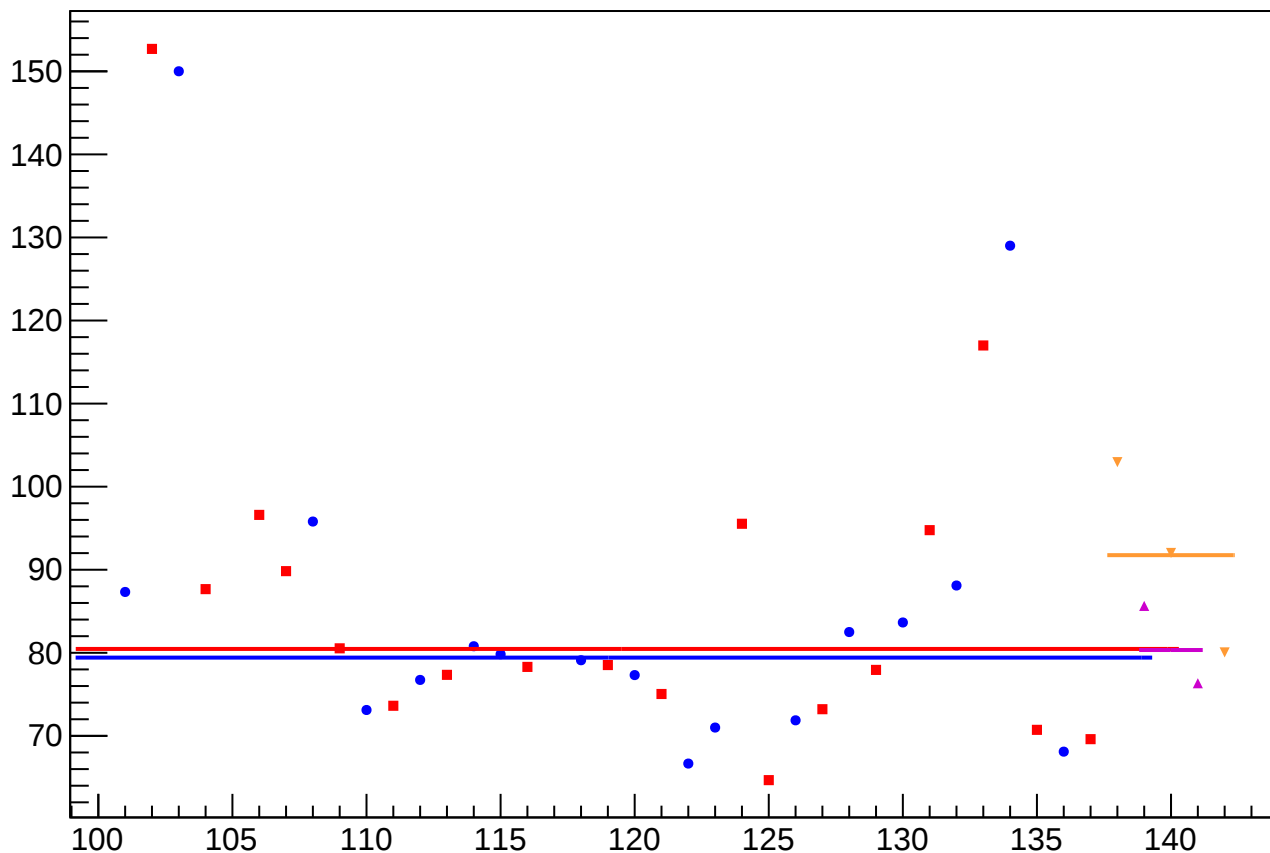
Right: 45.897+/-22.256 χ^2/NDF : 37.8/34

In: 31.682+/-28.176 χ^2/NDF : 16.7/18

Out: 54.425+/-28.491 χ^2/NDF : 24.9/20

All: 42.927+/-20.034 χ^2/NDF : 41.9/39

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 91.755 $\pm$ 0.047 χ^2 /NDF: 35098.6/2

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 80.336 $\pm$ 0.045 χ^2 /NDF: 10588.2/1

Left: 85.734 $\pm$ 0.033 χ^2 /NDF: 76413.0/4

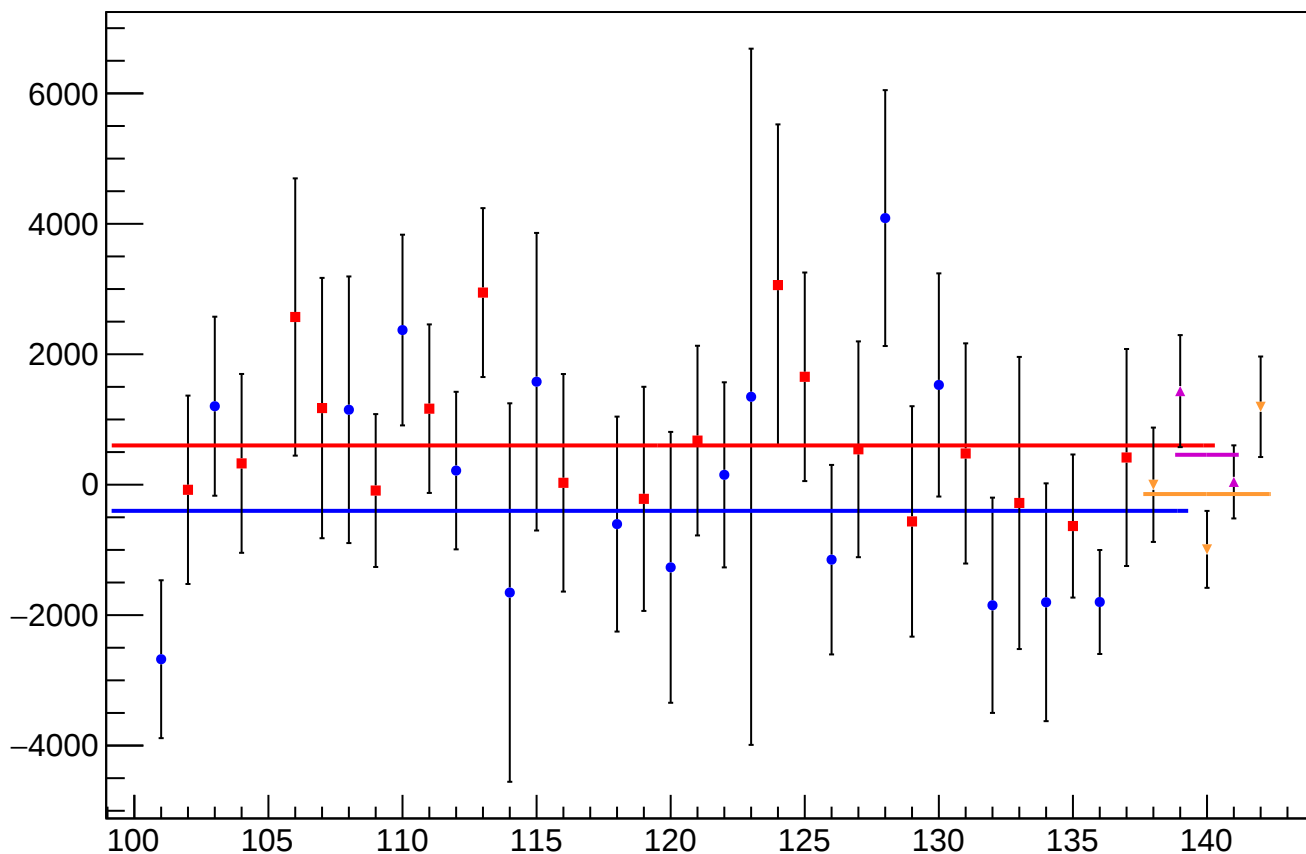
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 79.602 $\pm$ 0.020 χ^2 /NDF: 449969.8/18

Out: 82.513 $\pm$ 0.020 χ^2 /NDF: 536106.2/20

All: 81.042 $\pm$ 0.014 χ^2 /NDF: 996631.0/39

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -143.461+/-413.136 χ^2/NDF : 5.1/2

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 458.574+/-469.306 χ^2/NDF : 1.8/1

Left: 119.390+/-310.099 χ^2/NDF : 7.9/4

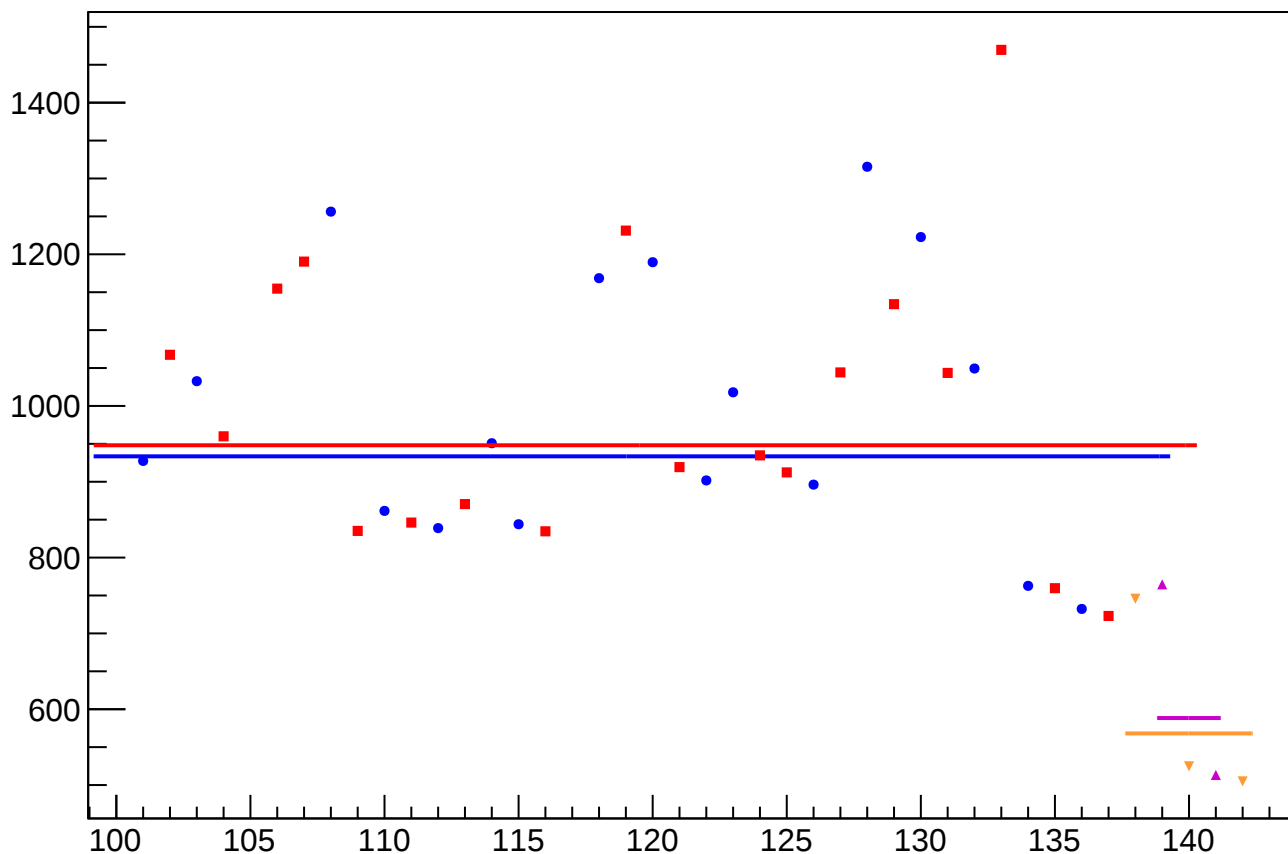
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: -73.214+/-289.821 χ^2/NDF : 25.8/18

Out: 276.489+/-272.975 χ^2/NDF : 15.6/20

All: 112.096+/-198.711 χ^2/NDF : 42.2/39

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 568.061 $\pm$ 0.292 χ^2 /NDF:106435.9/2

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 588.374 $\pm$ 0.332 χ^2 /NDF:120192.6/1

Left: 576.930 $\pm$ 0.219 χ^2 /NDF: 228739.6/4

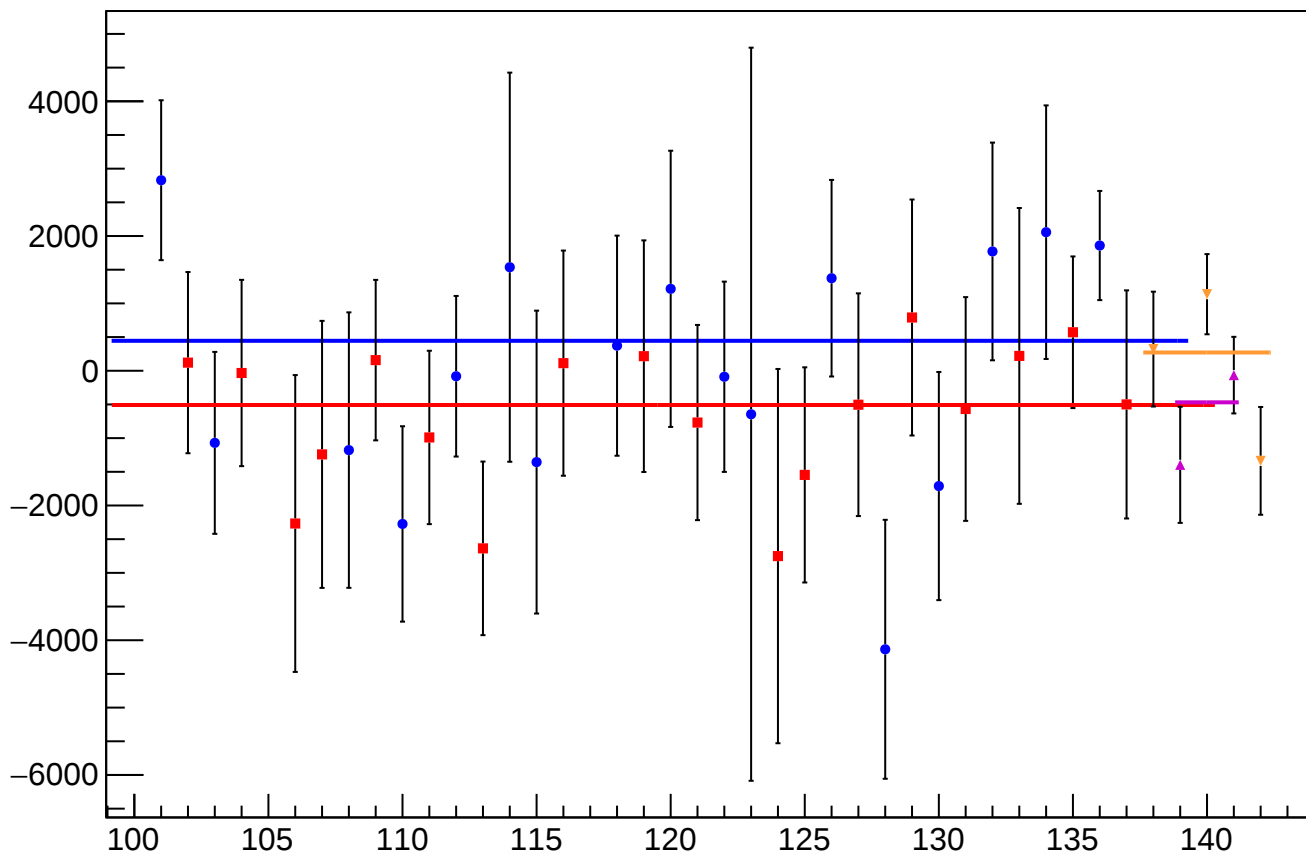
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 801.898 $\pm$ 0.205 χ^2 /NDF:1231751.0/18

Out: 782.202 $\pm$ 0.193 χ^2 /NDF:1465281.3/20

All: 791.461 $\pm$ 0.141 χ^2 /NDF: 2701927.2/39

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 271.250+/-416.572 χ^2/NDF : 6.2/2

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -468.671+/-474.545 χ^2/NDF : 1.7/1

Left: -50.777+/-313.062 χ^2/NDF : 9.2/4

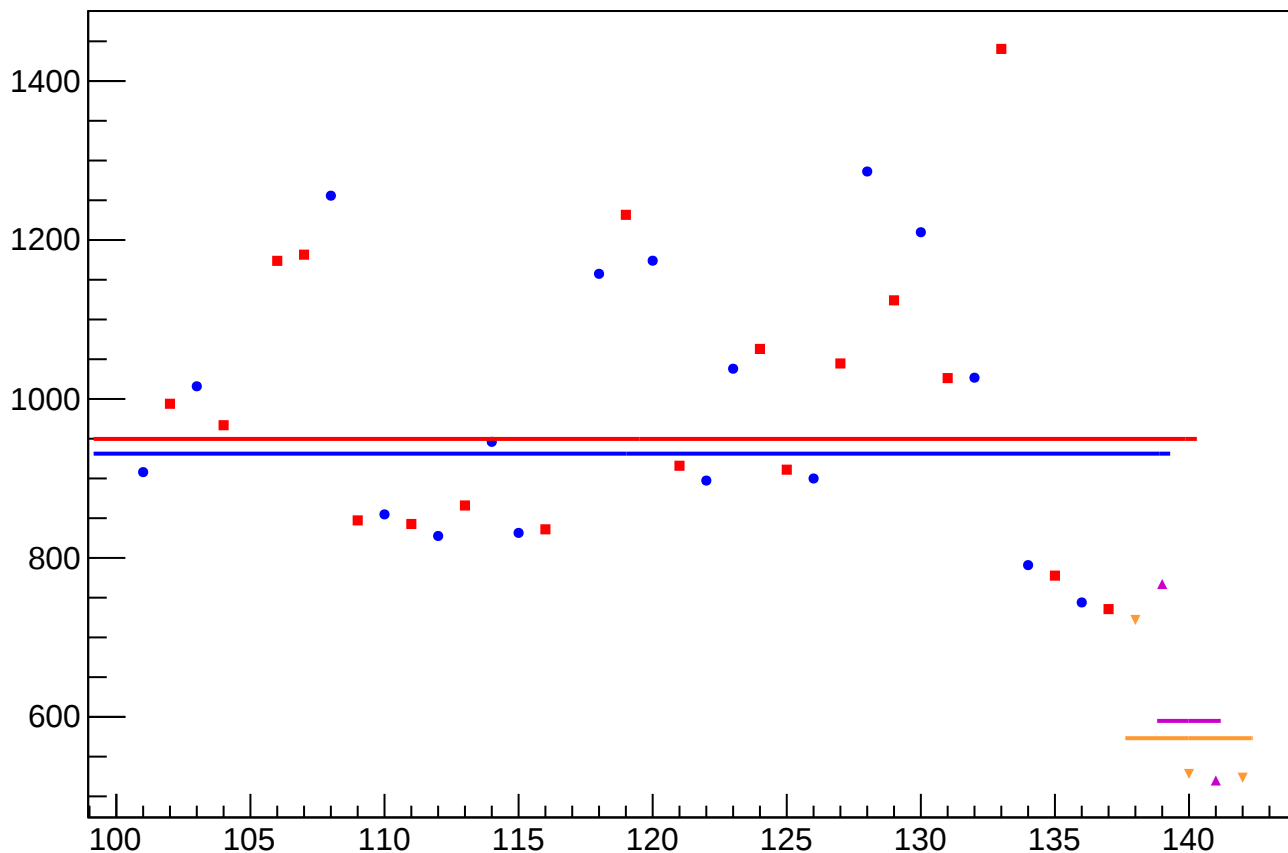
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 102.729+/-290.360 χ^2/NDF : 26.9/18

Out: -170.629+/-274.149 χ^2/NDF : 15.4/20

All: -41.794+/-199.337 χ^2/NDF : 42.8/39

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 573.196+/-0.295 χ^2/NDF : 80050.8/2

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 594.963+/-0.336 χ^2/NDF : 114727.4/1

Left: 582.669+/-0.221 χ^2/NDF : 197154.7/4

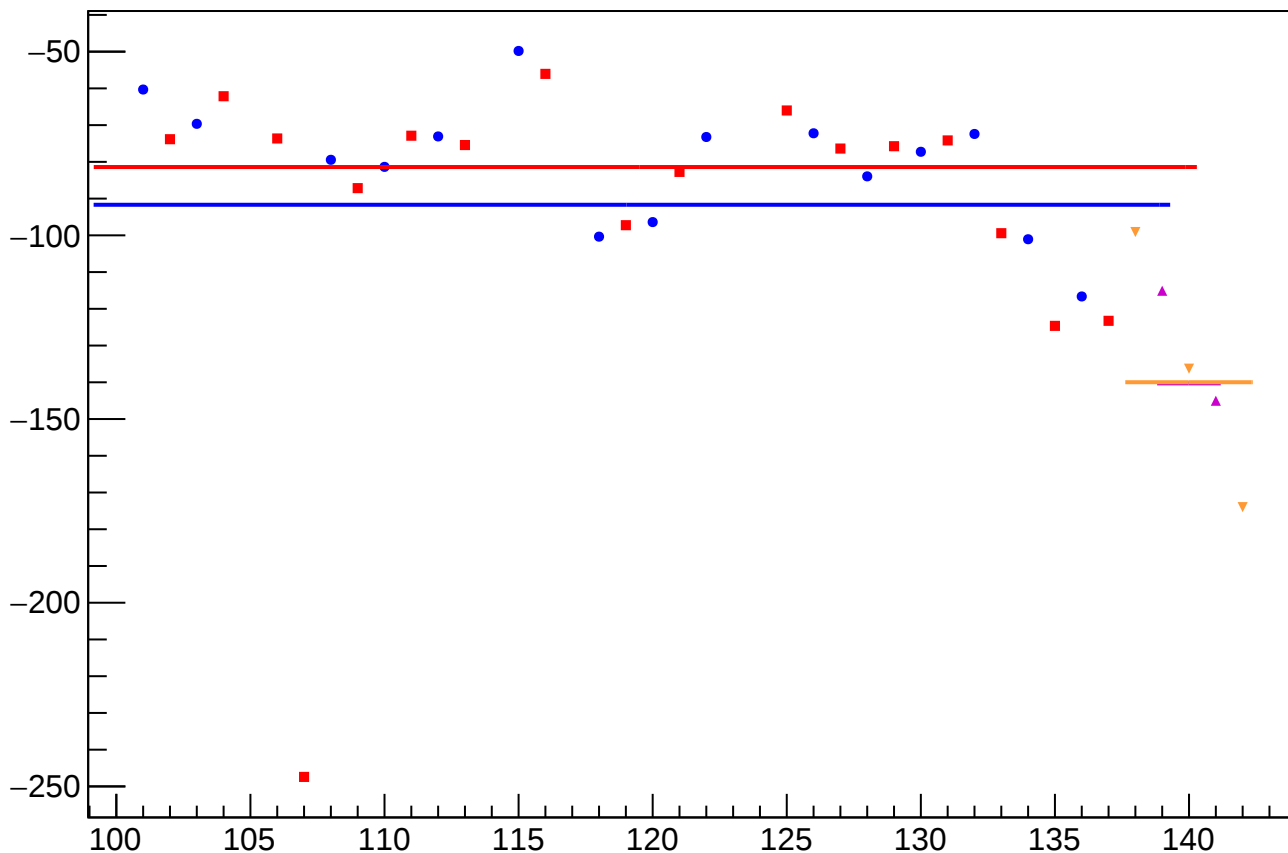
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 805.320+/-0.205 χ^2/NDF : 1143144.4/18

Out: 786.658+/-0.194 χ^2/NDF : 1371970.4/20

All: 795.453+/-0.141 χ^2/NDF : 2519482.7/39

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -139.982 ± 0.245 χ^2/NDF : 6333.7/2

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -140.302 ± 0.160 χ^2/NDF : 4649.5/1

Left: -140.206 ± 0.134 χ^2/NDF : 10984.4/4

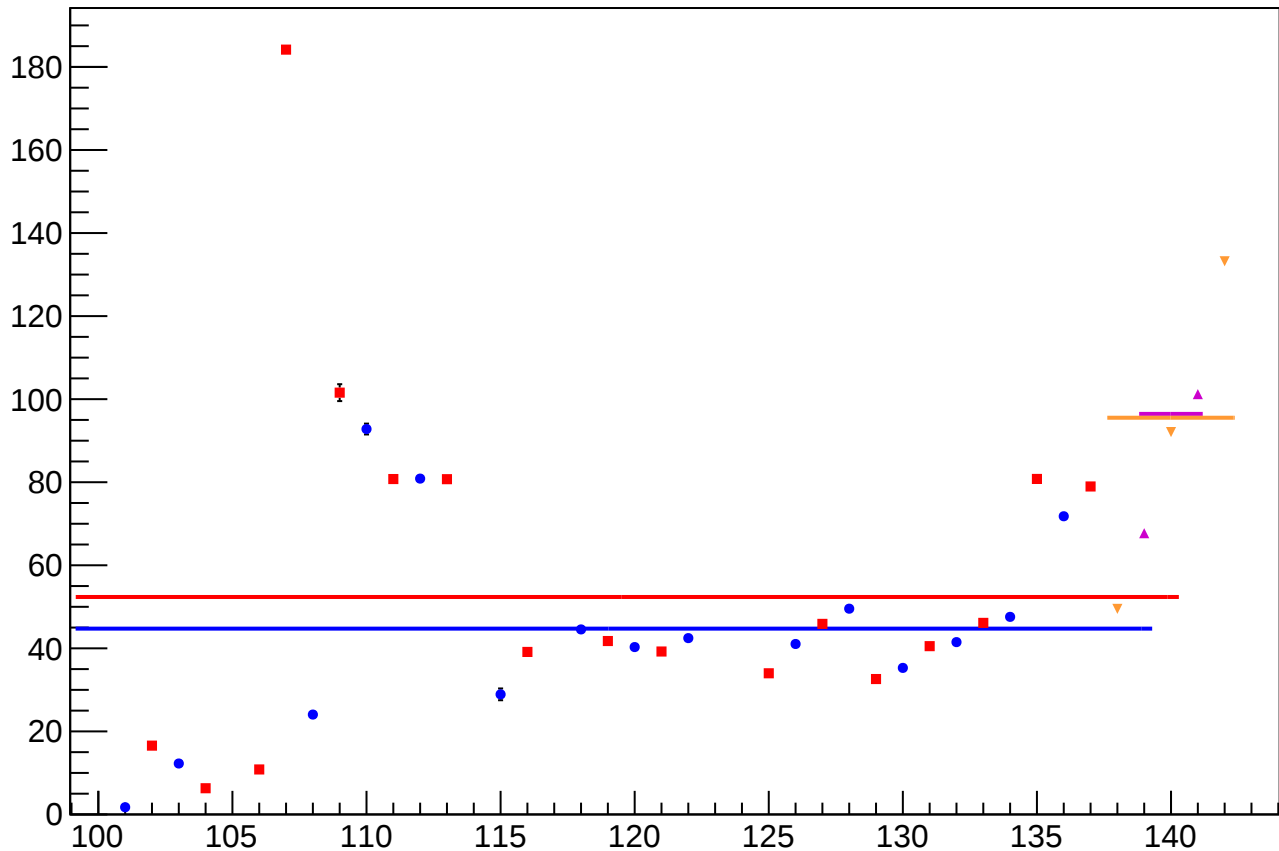
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -99.520 ± 0.064 χ^2/NDF : 146781.3/16

Out: -89.580 ± 0.091 χ^2/NDF : 97424.6/19

All: -96.231 ± 0.053 χ^2/NDF : 252130.3/36

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 95.529+/-0.263 χ^2/NDF : 6579.7/2

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 96.453+/-0.160 χ^2/NDF : 5317.1/1

Left: 96.202+/-0.137 χ^2/NDF : 11905.8/4

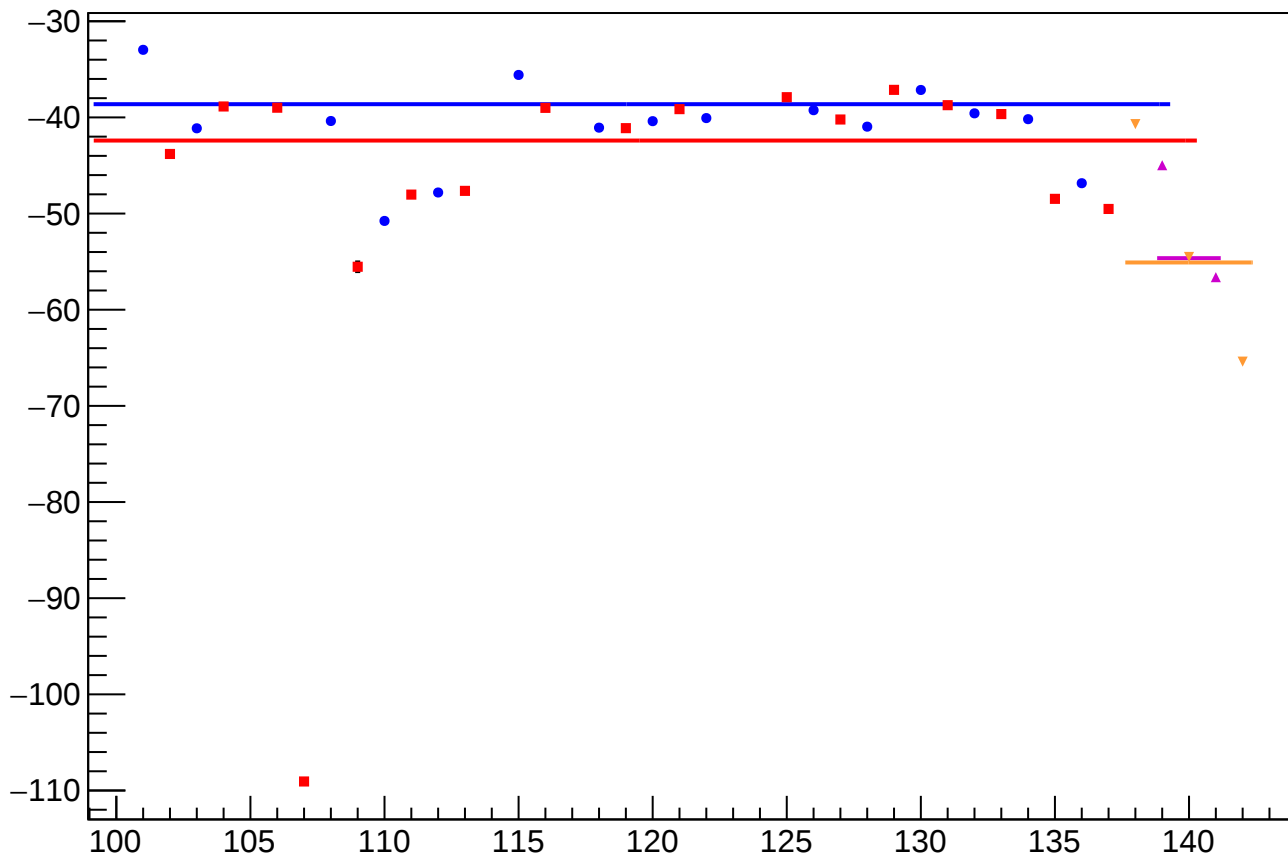
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.201+/-0.057 χ^2/NDF : 181012.2/16

Out: 59.063+/-0.103 χ^2/NDF : 98677.7/19

All: 53.015+/-0.050 χ^2/NDF : 284132.1/36

dit_usl_11X12X_slope vs Slug, Sign Corrected



Left: -54.773 ± 0.039 $\chi^2/\text{NDF} = 15874.5/4$

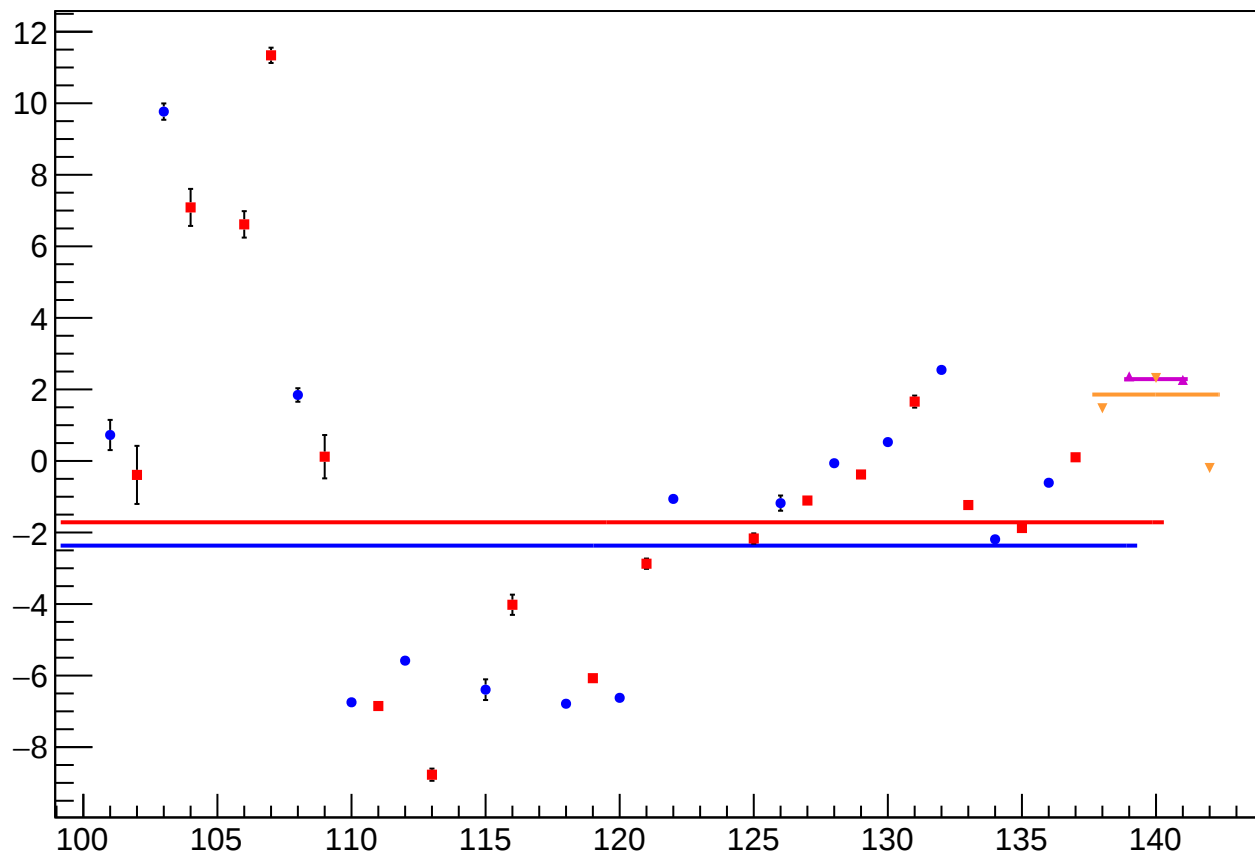
Right: -39.121 ± 0.008 $\chi^2/\text{NDF} = 536660.1/31$

In: -39.121 ± 0.008 $\chi^2/\text{NDF} = 365242.7/16$

Out: -43.461 ± 0.020 $\chi^2/\text{NDF} = 305579.3/19$

All: -39.718 ± 0.008 $\chi^2/\text{NDF} = 709929.4/36$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.857 ± 0.032 χ^2/NDF : 818.8/2

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.288 ± 0.022 χ^2/NDF : 3.6/1

Left: 2.154 ± 0.018 χ^2/NDF : 944.1/4

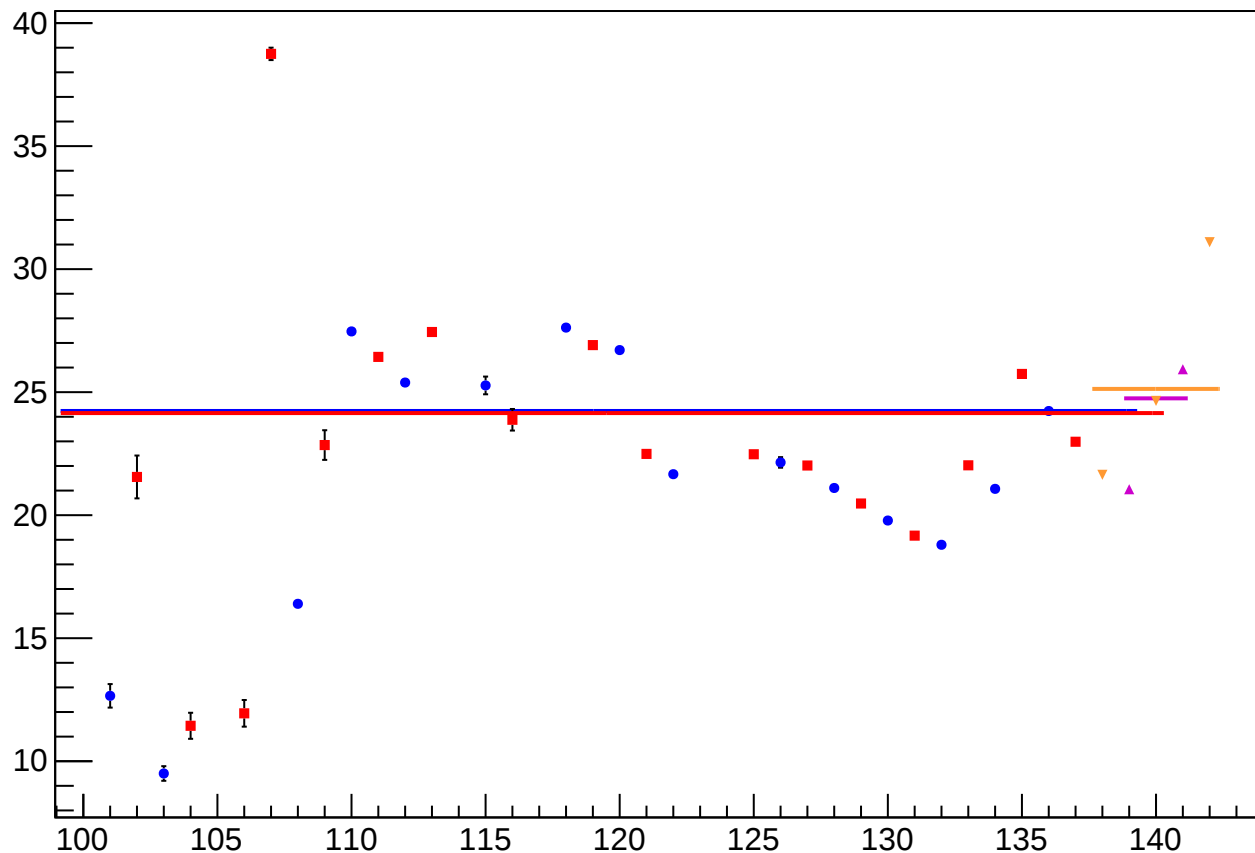
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.994 ± 0.012 χ^2/NDF : 61060.1/16

Out: -0.257 ± 0.021 χ^2/NDF : 20686.6/19

All: -0.814 ± 0.010 χ^2/NDF : 82699.8/36

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 25.133 $\pm$ 0.061 χ^2 /NDF:1961.0/2

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 24.748 $\pm$ 0.037 χ^2 /NDF:3151.3/1

Left: 24.852 $\pm$ 0.032 χ^2 /NDF: 5141.1/4

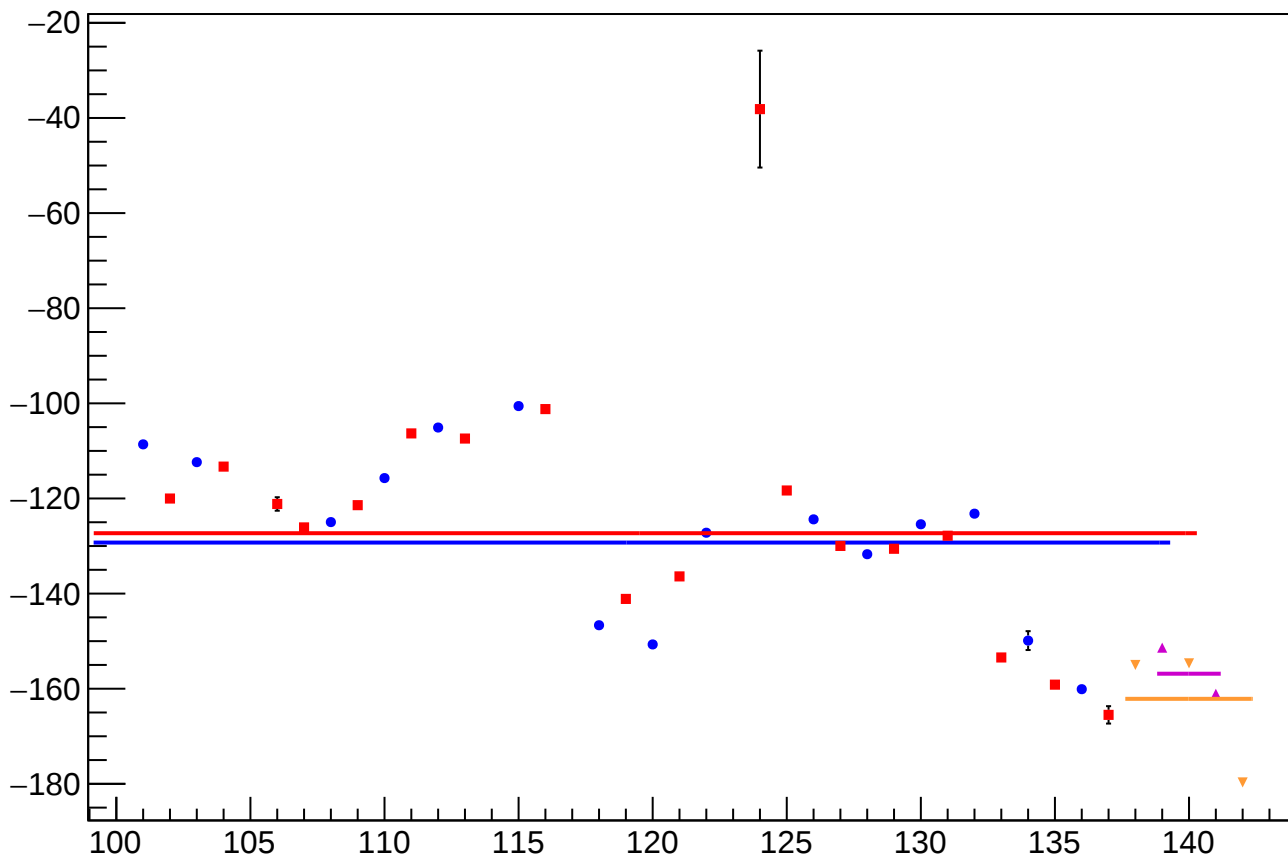
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 24.368 $\pm$ 0.019 χ^2 /NDF:25188.9/16

Out: 24.285 $\pm$ 0.023 χ^2 /NDF:15405.9/19

All: 24.334 $\pm$ 0.015 χ^2 /NDF: 40602.9/36

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272±/0.088 χ^2/NDF : 35109.7/14

Left Out: -162.127±/0.155 χ^2/NDF :5282.4/2

Right Out: -127.303±/0.084 χ^2/NDF : 29597.3/17

Left In: -156.845±/0.169 χ^2/NDF :811.7/1

Left: -159.701±/0.114 χ^2/NDF : 6624.4/4

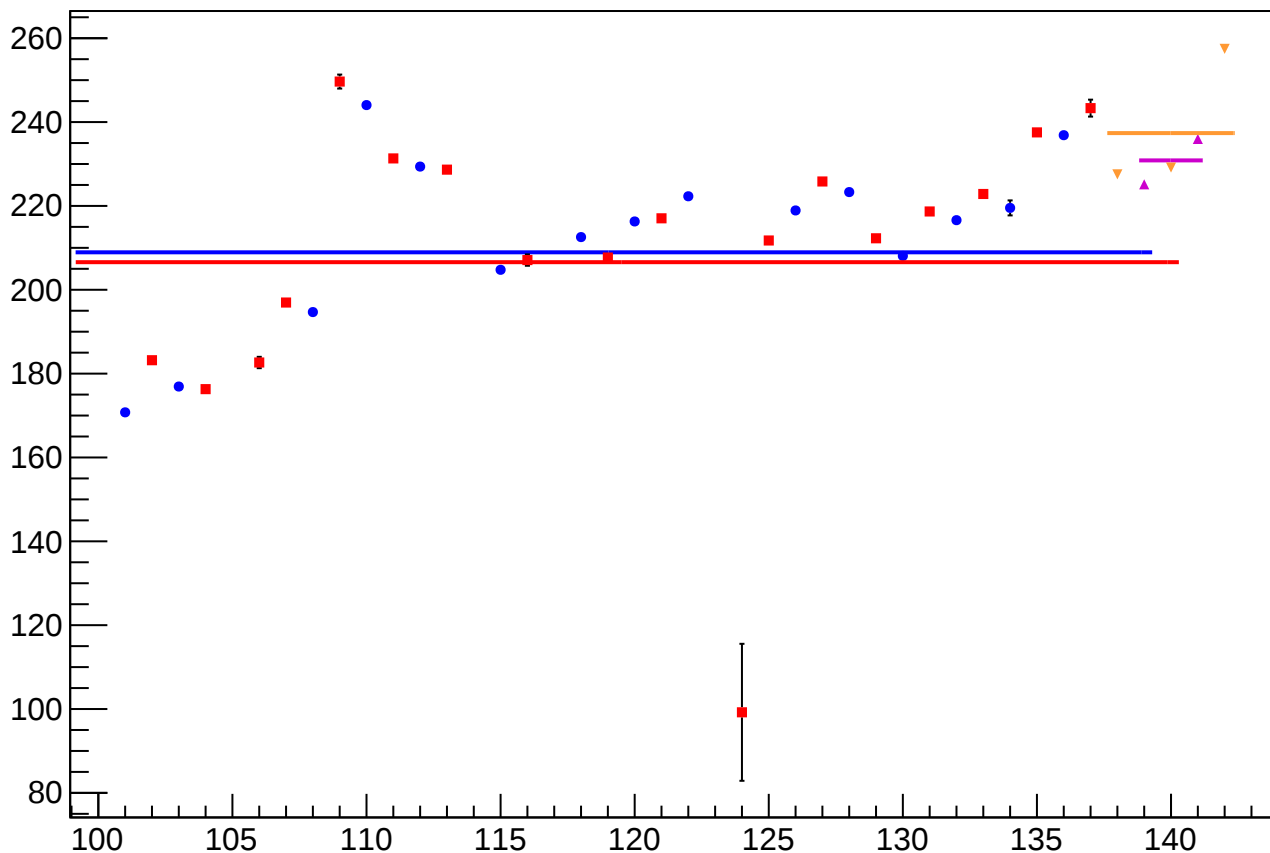
Right: -128.248±/0.061 χ^2/NDF : 64968.8/32

In: -135.148±/0.078 χ^2/NDF :56951.6/16

Out: -135.220±/0.074 χ^2/NDF :73658.6/20

All: -135.186±/0.054 χ^2/NDF : 130610.7/37

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 237.371+/-0.157 χ^2/NDF : 7446.9/2

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 230.858+/-0.155 χ^2/NDF : 1217.8/1

Left: 234.066+/-0.110 χ^2/NDF : 9536.0/4

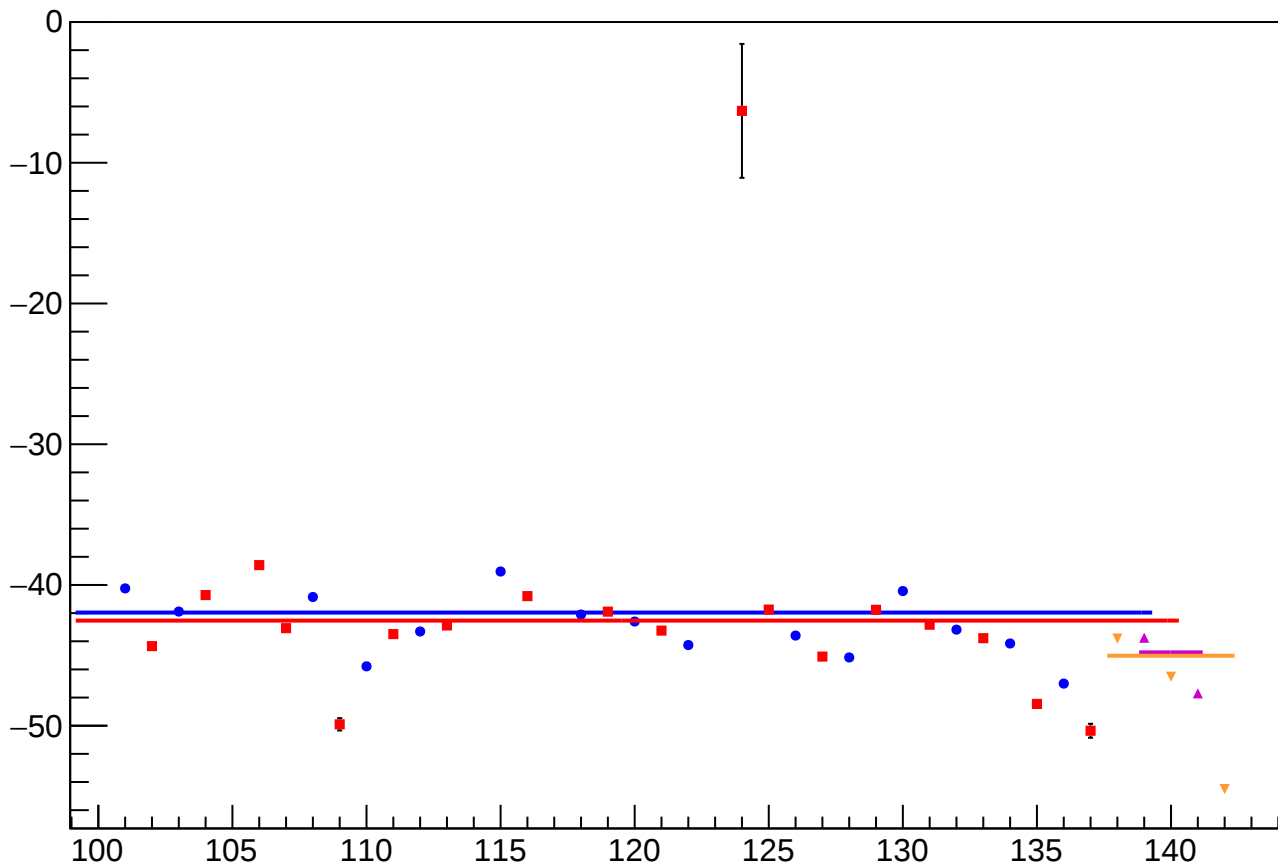
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 214.397+/-0.077 χ^2/NDF : 60954.5/16

Out: 213.320+/-0.074 χ^2/NDF : 85642.2/20

All: 213.831+/-0.053 χ^2/NDF : 146698.6/37

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -45.026 ± 0.029 χ^2/NDF : 6389.4/2

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -44.790 ± 0.023 χ^2/NDF : 5644.3/1

Left: -44.881 ± 0.018 χ^2/NDF : 12073.5/4

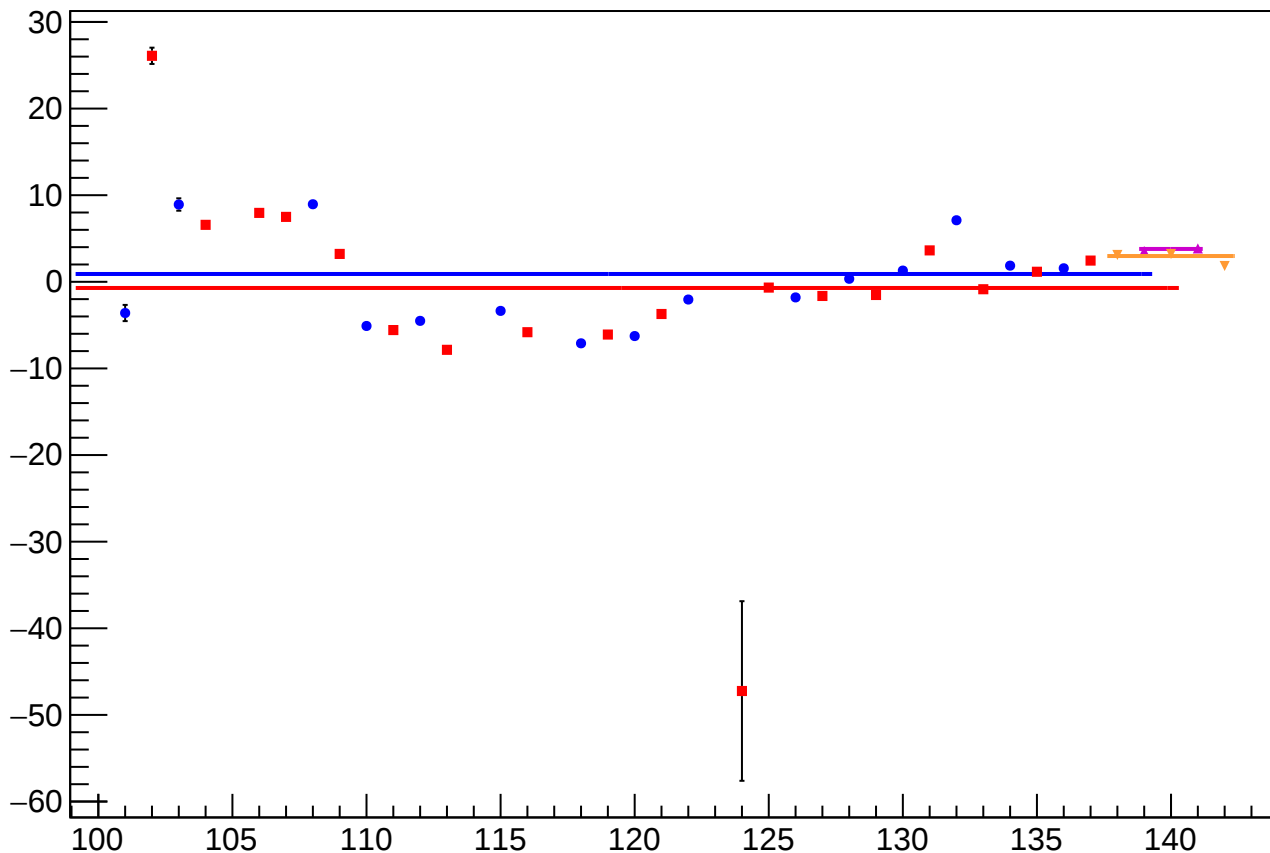
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -42.842 ± 0.013 χ^2/NDF : 40126.5/16

Out: -43.359 ± 0.017 χ^2/NDF : 17362.0/20

All: -43.033 ± 0.010 χ^2/NDF : 58079.8/37

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.977 ± 0.026 χ^2/NDF : 385.4/2

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.794 ± 0.025 χ^2/NDF : 23.3/1

Left: 3.403 ± 0.018 χ^2/NDF : 919.5/4

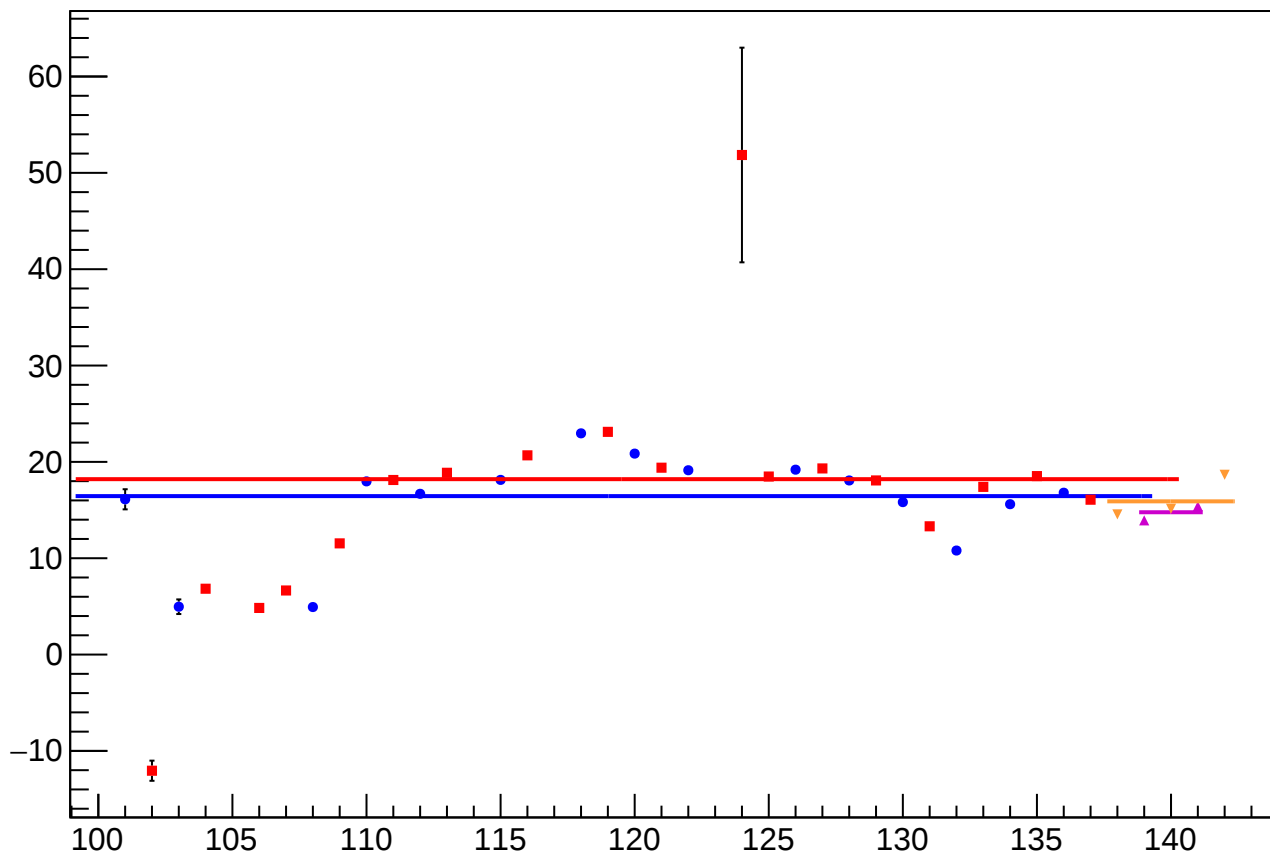
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.034 ± 0.016 χ^2/NDF : 29299.8/16

Out: 1.000 ± 0.018 χ^2/NDF : 41797.8/20

All: 1.583 ± 0.012 χ^2/NDF : 73002.5/37

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 15.903 $\pm$ 0.036 χ^2/NDF : 1873.8/2

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 14.772 $\pm$ 0.031 χ^2/NDF : 537.7/1

Left: 15.259 $\pm$ 0.024 χ^2/NDF : 2972.8/4

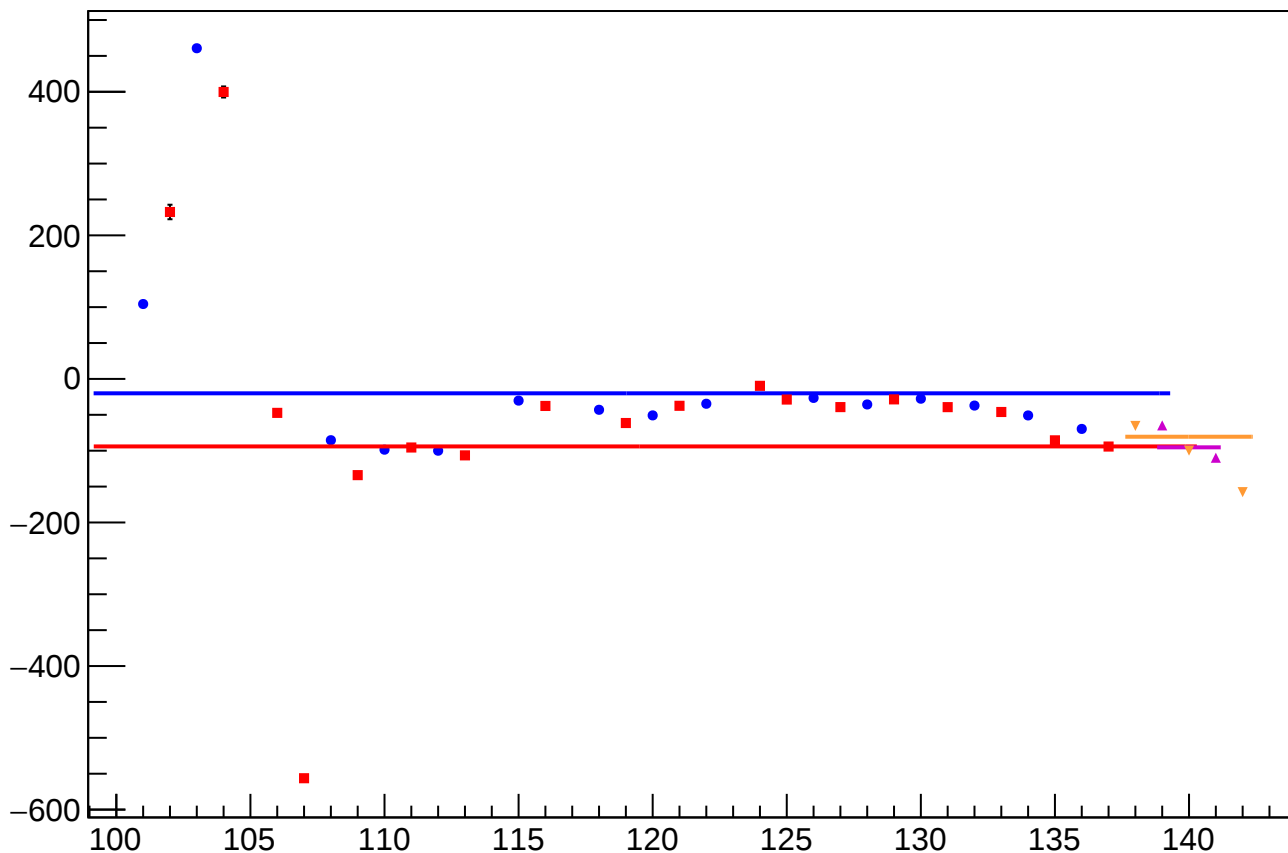
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 15.815 $\pm$ 0.019 χ^2/NDF : 16499.6/16

Out: 17.646 $\pm$ 0.018 χ^2/NDF : 32460.2/20

All: 16.804 $\pm$ 0.013 χ^2/NDF : 53844.7/37

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -80.542 ± 0.306 $\chi^2/\text{NDF}: 5729.1/2$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -95.314 ± 0.388 $\chi^2/\text{NDF}: 2941.0/1$

Left: -86.208 ± 0.240 $\chi^2/\text{NDF}: 9564.1/4$

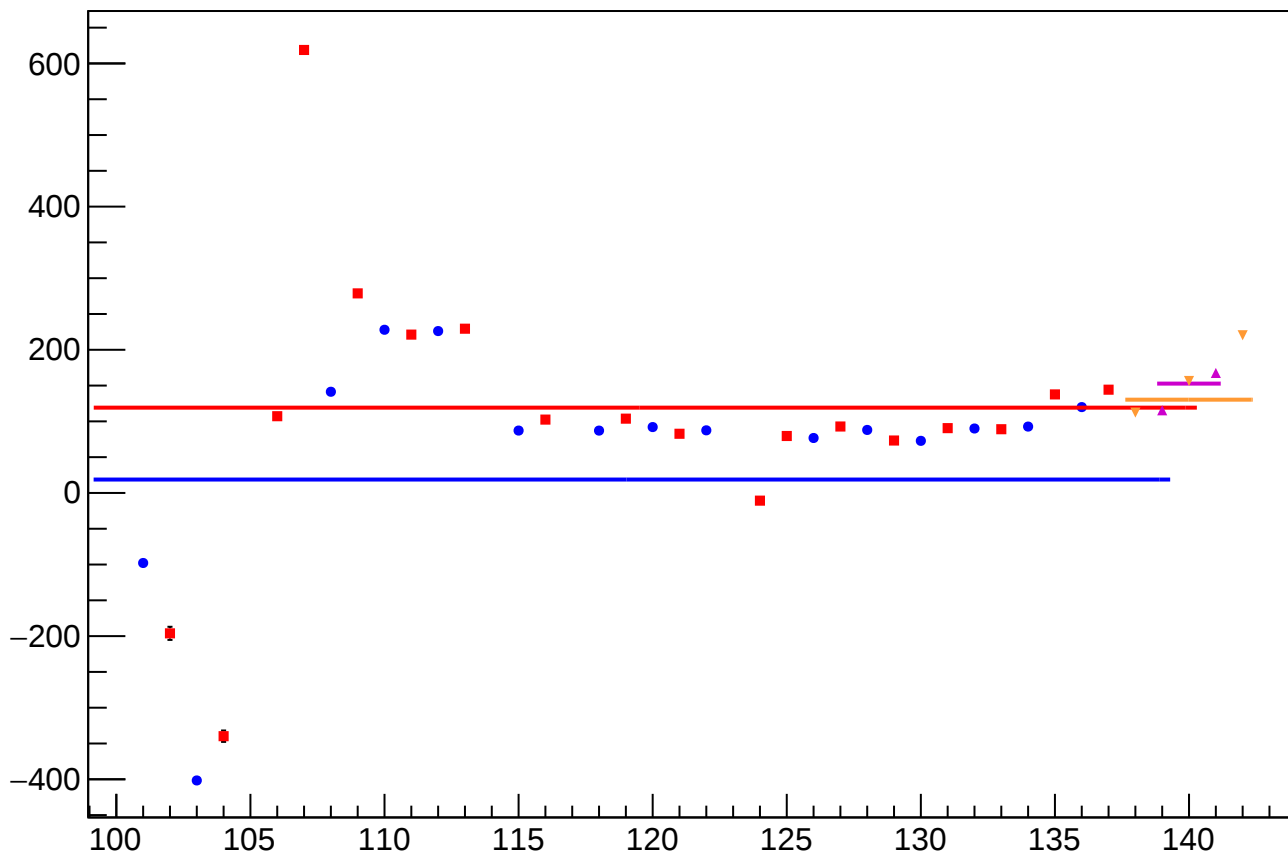
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -30.207 ± 0.142 $\chi^2/\text{NDF}: 476963.7/16$

Out: -94.028 ± 0.012 $\chi^2/\text{NDF}: 95162.6/20$

All: -93.546 ± 0.012 $\chi^2/\text{NDF}: 771344.2/37$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 130.301+/-0.310 χ^2/NDF : 8077.0/2

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 152.748+/-0.372 χ^2/NDF : 4007.2/1

Left: 139.512+/-0.238 χ^2/NDF : 14228.7/4

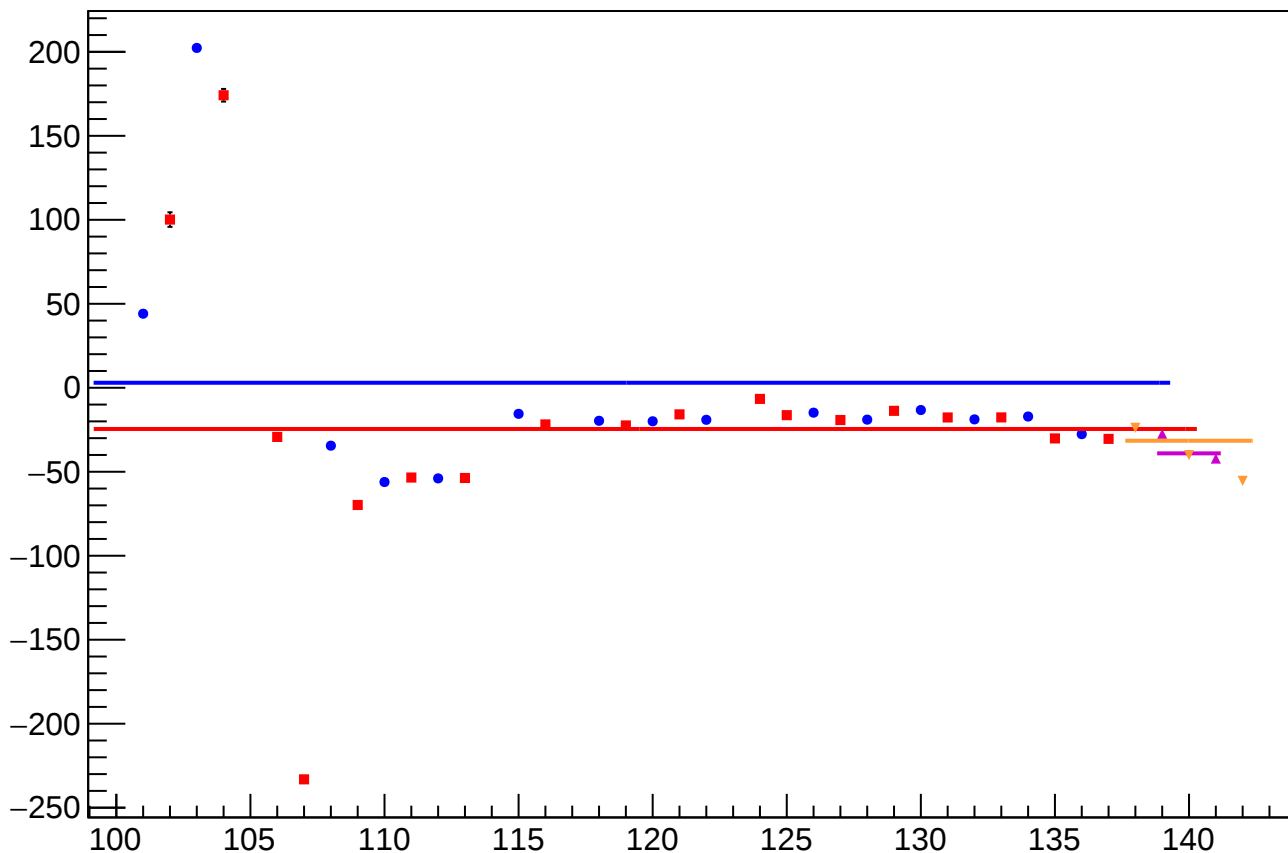
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 37.902+/-0.141 χ^2/NDF : 1216903.0/16

Out: 122.415+/-0.168 χ^2/NDF : 96437.8/20

All: 72.840+/-0.108 χ^2/NDF : 1462327.2/37

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -31.525 ± 0.072 χ^2/NDF : 18595.0/2

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -39.043 ± 0.066 χ^2/NDF : 8238.9/1

Left: -35.613 ± 0.049 χ^2/NDF : 32703.0/4

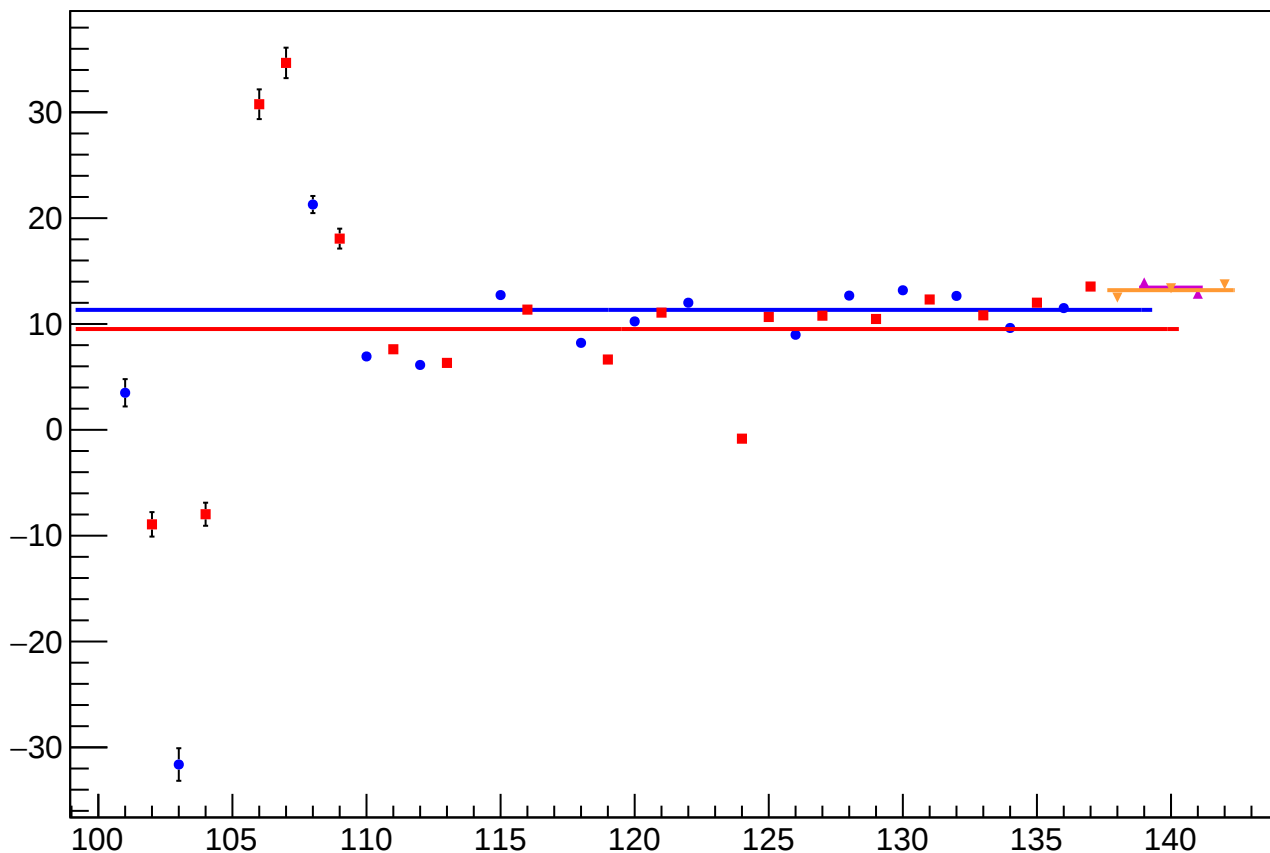
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -2.947 ± 0.025 χ^2/NDF : 3850243.9/16

Out: -26.396 ± 0.037 χ^2/NDF : 201931.4/20

All: -10.165 ± 0.021 χ^2/NDF : 4324859.1/37

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 13.196 $\pm$ 0.046 χ^2 /NDF:111.2/2

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.439 $\pm$ 0.058 χ^2 /NDF:85.4/1

Left: 13.290 $\pm$ 0.036 χ^2 /NDF: 207.5/4

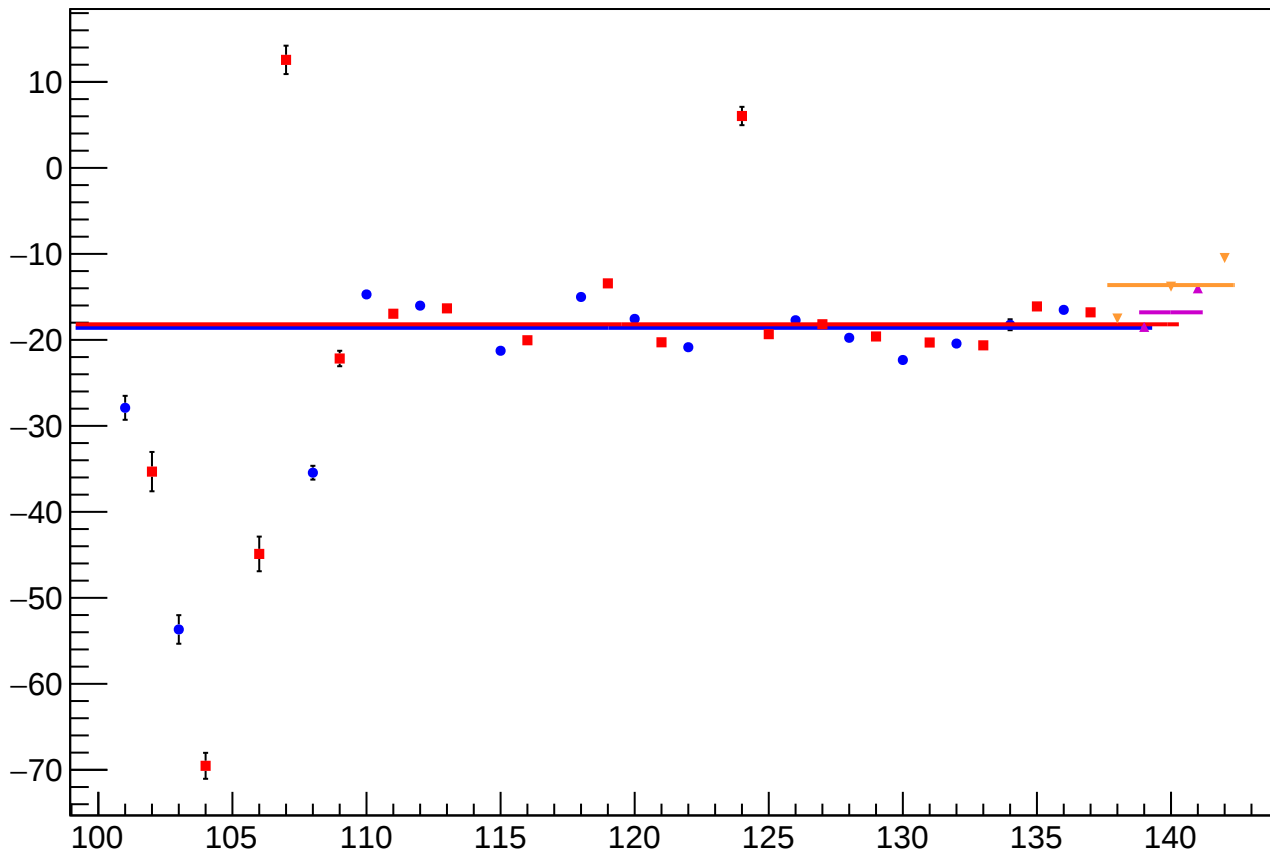
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 11.959 $\pm$ 0.031 χ^2 /NDF:3432.6/16

Out: 11.442 $\pm$ 0.033 χ^2 /NDF:7233.1/20

All: 11.715 $\pm$ 0.023 χ^2 /NDF: 10793.9/37

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -13.627 ± 0.060 $\chi^2/\text{NDF}: 1975.9/2$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -16.796 ± 0.083 $\chi^2/\text{NDF}: 694.7/1$

Left: -14.715 ± 0.048 $\chi^2/\text{NDF}: 3637.9/4$

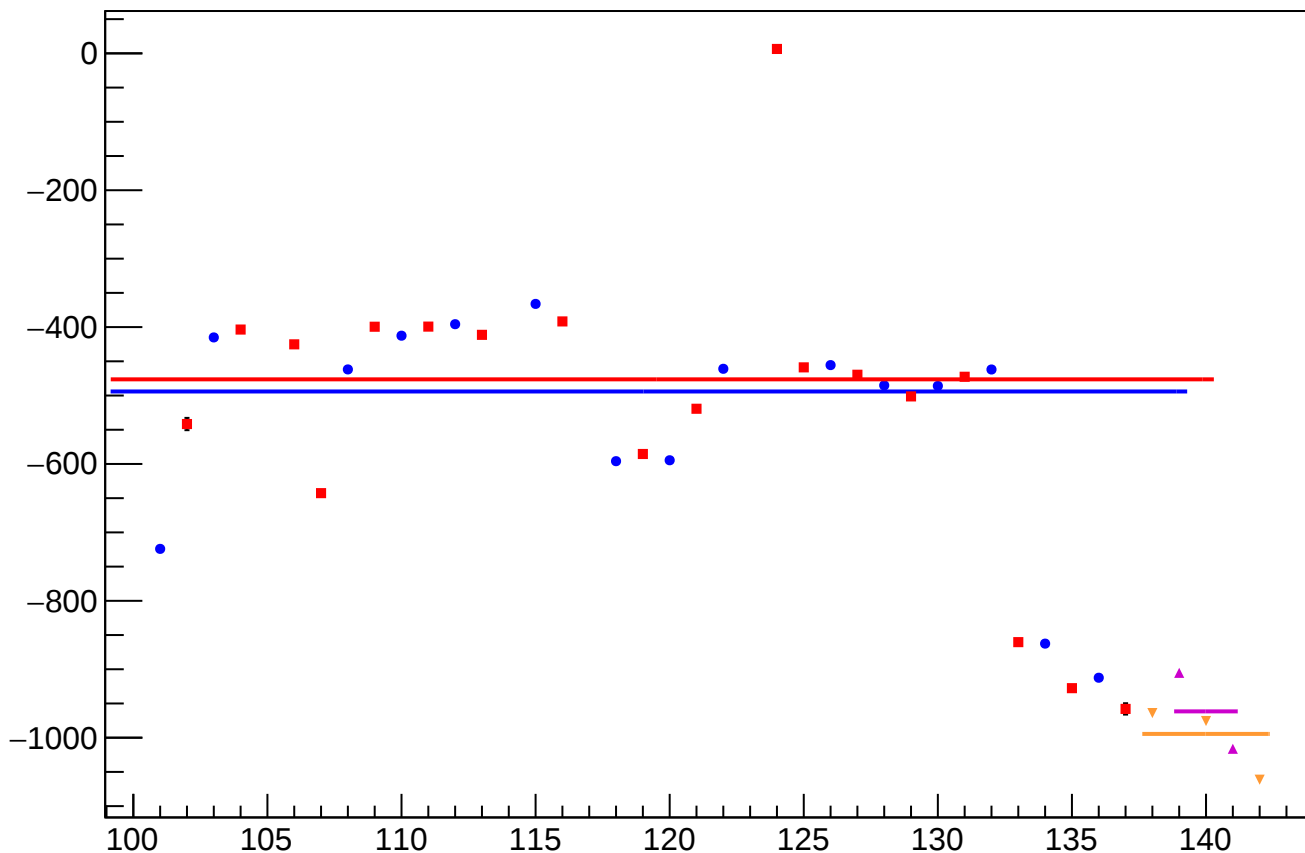
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.293 ± 0.034 $\chi^2/\text{NDF}: 7279.5/16$

Out: -16.333 ± 0.038 $\chi^2/\text{NDF}: 10320.7/20$

All: -17.427 ± 0.025 $\chi^2/\text{NDF}: 19079.1/37$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081+/-0.232 χ^2/NDF : 325996.5/14

Left Out: -994.479+/-0.767 χ^2/NDF : 2189.3/2

Right Out: -476.348+/-0.185 χ^2/NDF : 594116.3/17

Left In: -961.556+/-0.732 χ^2/NDF : 5740.1/1

Left: -977.255+/-0.530 χ^2/NDF : 8893.2/4

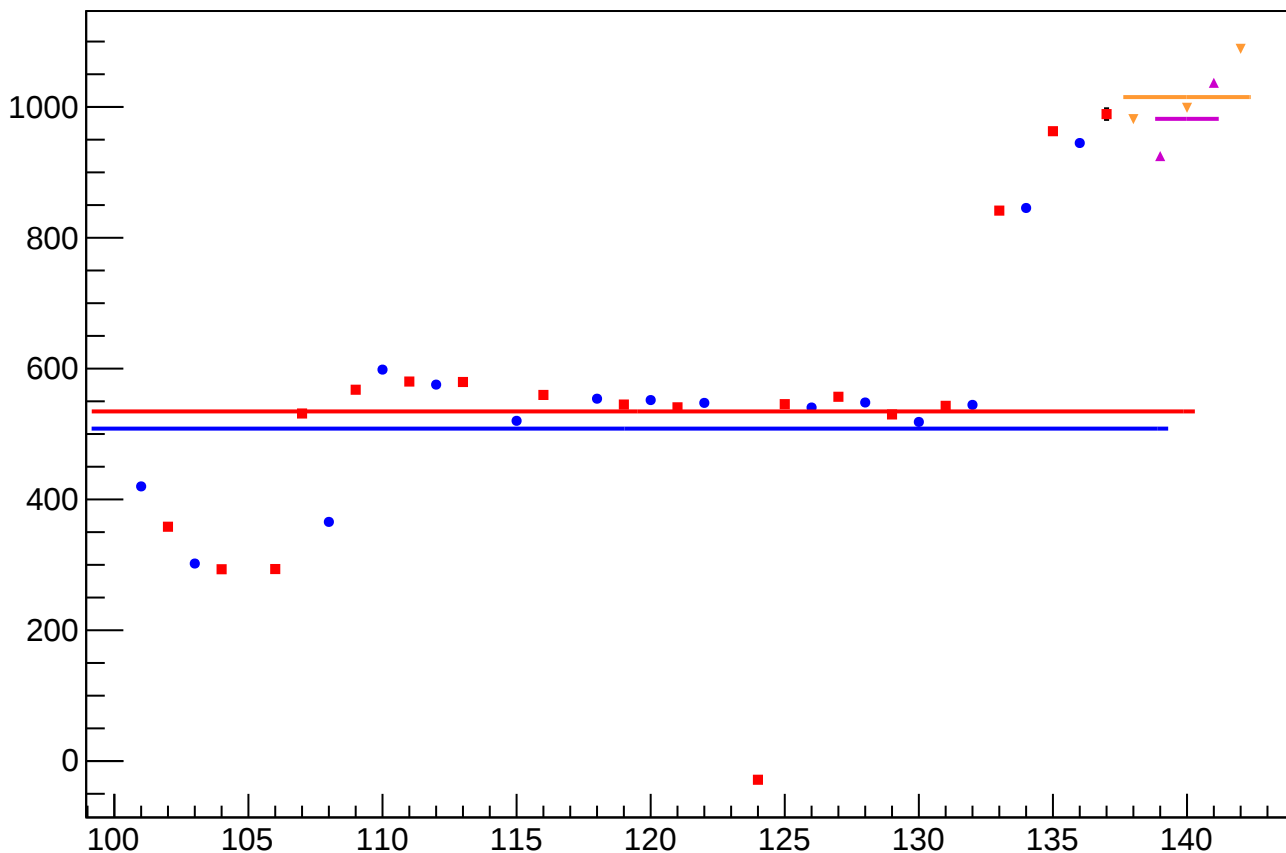
Right: -483.243+/-0.145 χ^2/NDF : 923680.3/32

In: -536.752+/-0.221 χ^2/NDF : 702031.2/16

Out: -504.867+/-0.180 χ^2/NDF : 1027459.6/20

All: -517.563+/-0.140 χ^2/NDF : 1741989.5/37

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 1015.092 $\pm$ 0.764 χ^2 /NDF:2126.9/2

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 981.820 $\pm$ 0.677 χ^2 /NDF:6844.9/1

Left: 996.445 $\pm$ 0.507 χ^2 /NDF: 10033.4/4

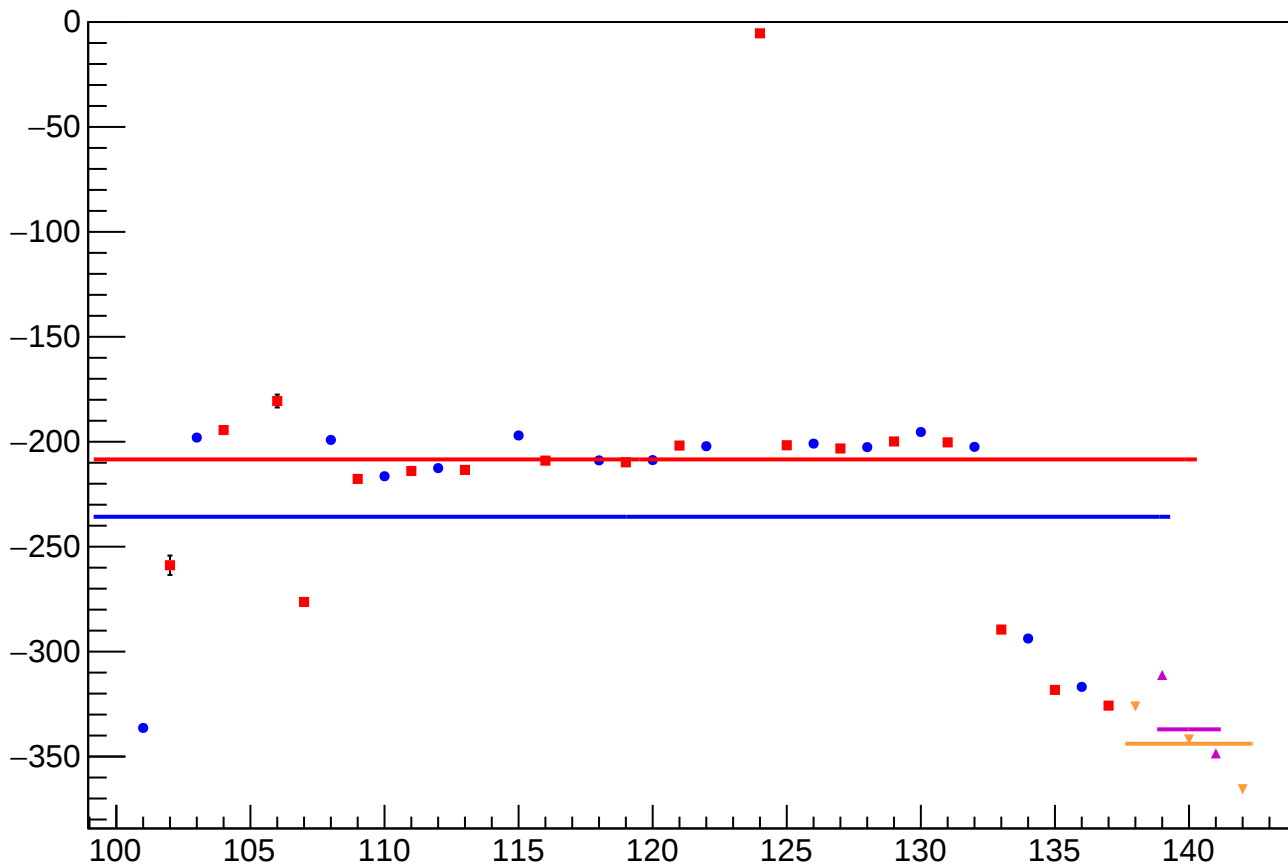
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 554.117 $\pm$ 0.211 χ^2 /NDF:888205.1/16

Out: 570.421 $\pm$ 0.209 χ^2 /NDF:736015.8/20

All: 562.337 $\pm$ 0.148 χ^2 /NDF: 1627240.8/37

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -343.881+/-0.187 χ^2/NDF :1459.8/2

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -337.032+/-0.110 χ^2/NDF :24646.5/1

Left: -338.784+/-0.095 χ^2/NDF : 27103.0/4

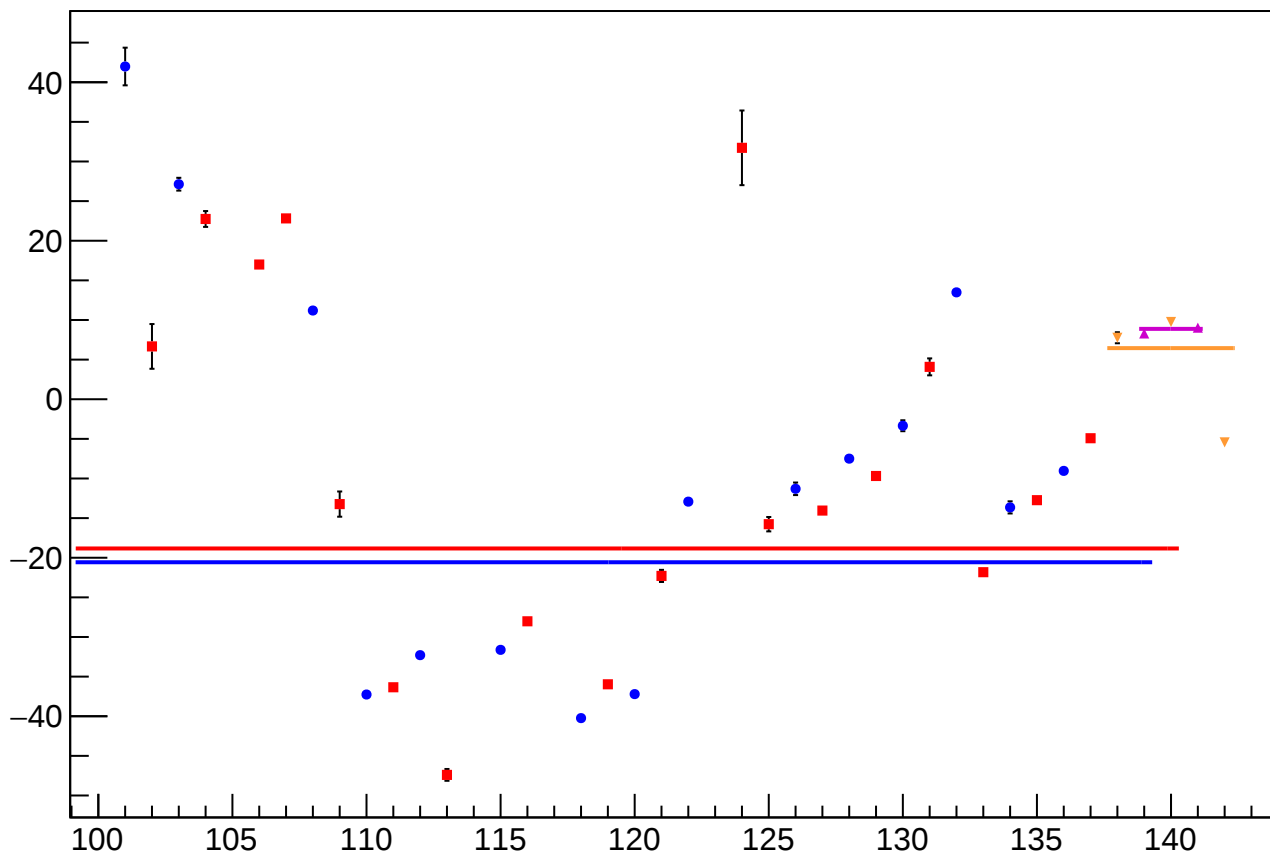
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -256.222+/-0.049 χ^2/NDF :1580813.1/16

Out: -216.368+/-0.045 χ^2/NDF :869684.9/20

All: -234.624+/-0.033 χ^2/NDF : 2804242.0/37

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 6.450 ± 0.152 χ^2/NDF : 1634.1/2

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.879 ± 0.095 χ^2/NDF : 9.8/1

Left: 8.204 ± 0.080 χ^2/NDF : 1827.1/4

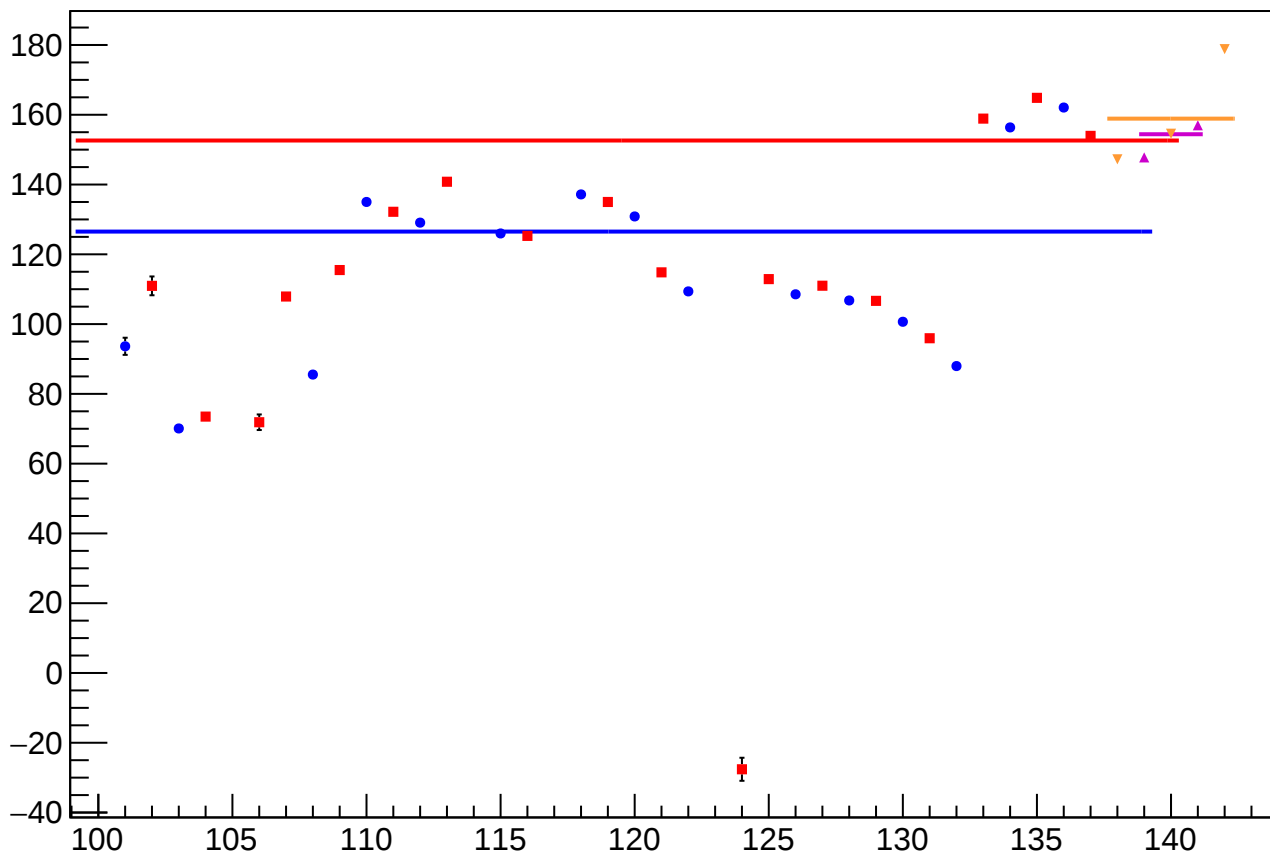
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.901 ± 0.057 χ^2/NDF : 125148.6/16

Out: -10.384 ± 0.088 χ^2/NDF : 40794.4/20

All: -10.043 ± 0.048 χ^2/NDF : 165964.2/37

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 158.890 $\pm$ 0.195 χ^2 /NDF:2953.6/2

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 154.420 $\pm$ 0.124 χ^2 /NDF:1110.3/1

Left: 155.701 $\pm$ 0.105 χ^2 /NDF: 4437.6/4

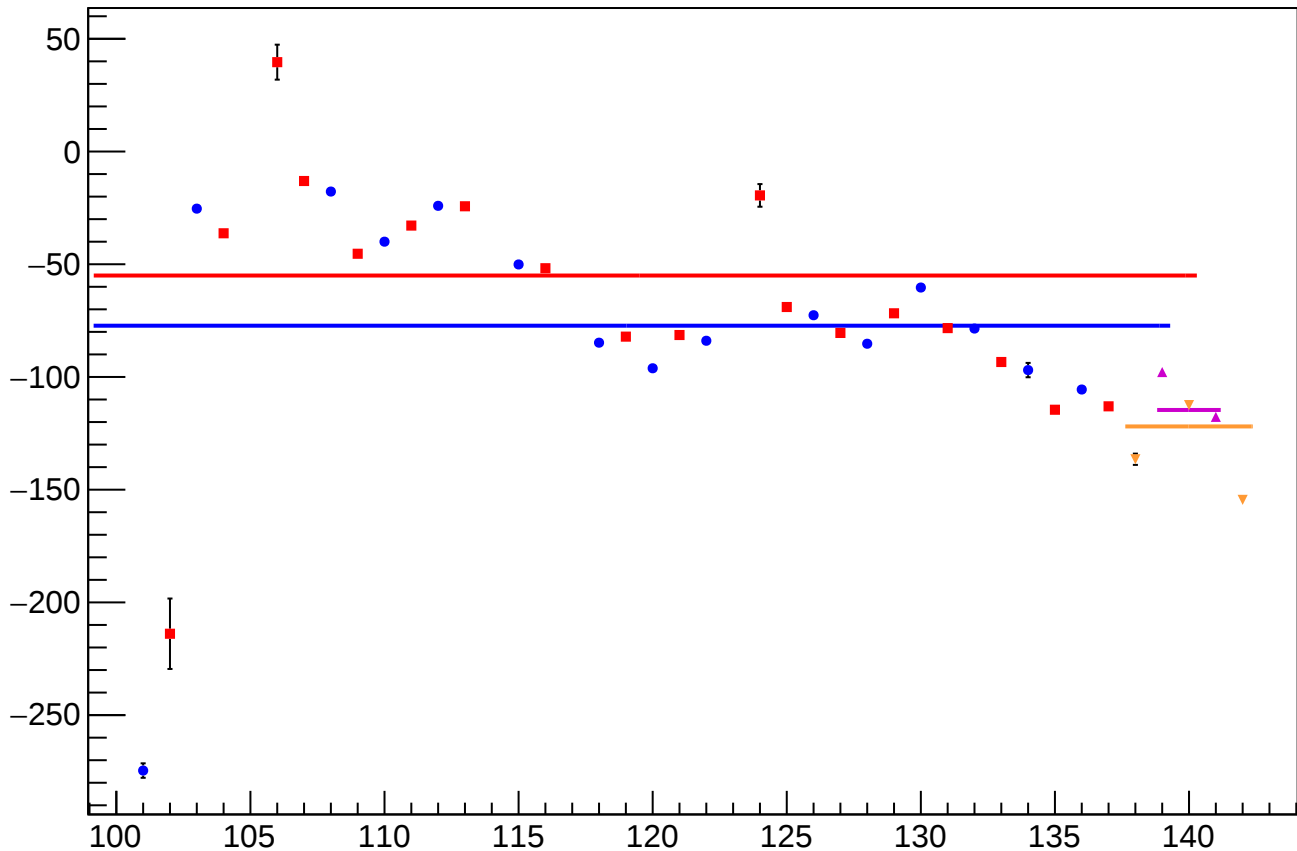
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.313 $\pm$ 0.070 χ^2 /NDF:150861.4/16

Out: 152.767 $\pm$ 0.030 χ^2 /NDF:77983.3/20

All: 150.028 $\pm$ 0.028 χ^2 /NDF: 282006.2/37

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -121.947 ± 0.355 $\chi^2/\text{NDF}: 2382.4/2$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -114.642 ± 0.291 $\chi^2/\text{NDF}: 607.3/1$

Left: -117.578 ± 0.225 $\chi^2/\text{NDF}: 3243.4/4$

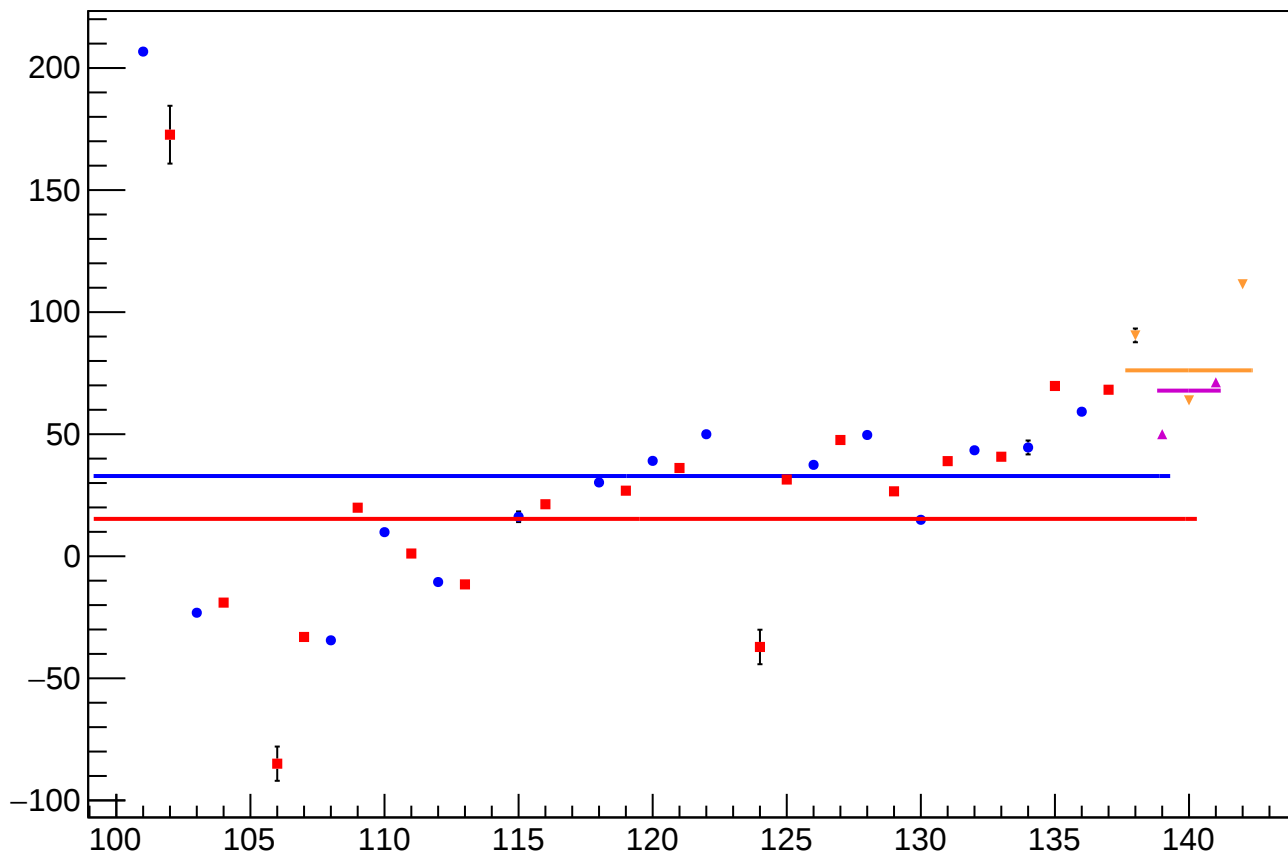
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.822 ± 0.131 $\chi^2/\text{NDF}: 44142.4/16$

Out: -69.961 ± 0.168 $\chi^2/\text{NDF}: 53667.7/20$

All: -79.199 ± 0.103 $\chi^2/\text{NDF}: 102694.1/37$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 76.153 $\pm$ 0.350 χ^2 /NDF:3462.9/2

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 67.851 $\pm$ 0.270 χ^2 /NDF:834.4/1

Left: 70.942 $\pm$ 0.214 χ^2 /NDF: 4650.1/4

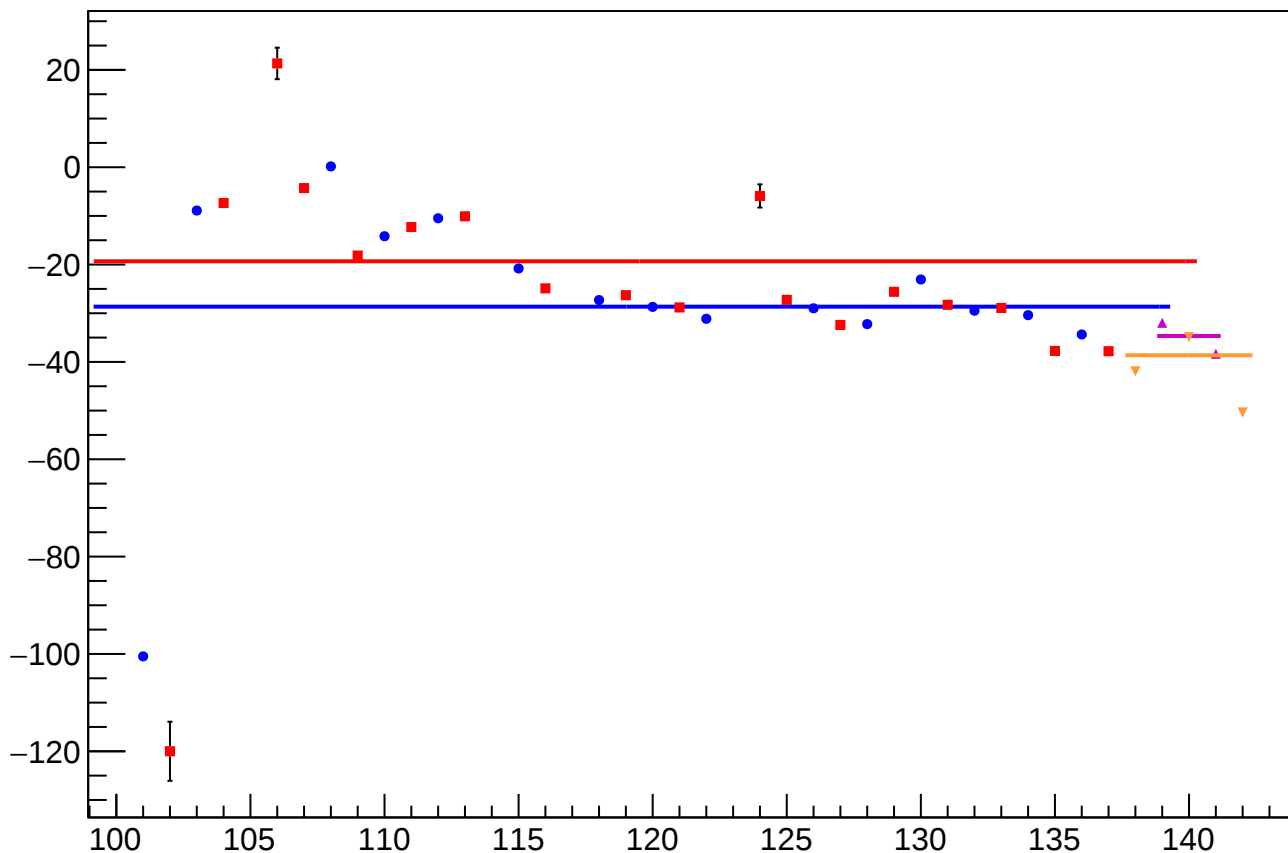
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 40.799 $\pm$ 0.128 χ^2 /NDF:45240.2/16

Out: 31.361 $\pm$ 0.180 χ^2 /NDF:42426.6/20

All: 37.614 $\pm$ 0.105 χ^2 /NDF: 89490.0/37

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -38.631 ± 0.099 $\chi^2/\text{NDF}: 4398.0/2$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.673 ± 0.045 $\chi^2/\text{NDF}: 4841.0/1$

Left: -35.360 ± 0.041 $\chi^2/\text{NDF}: 10563.6/4$

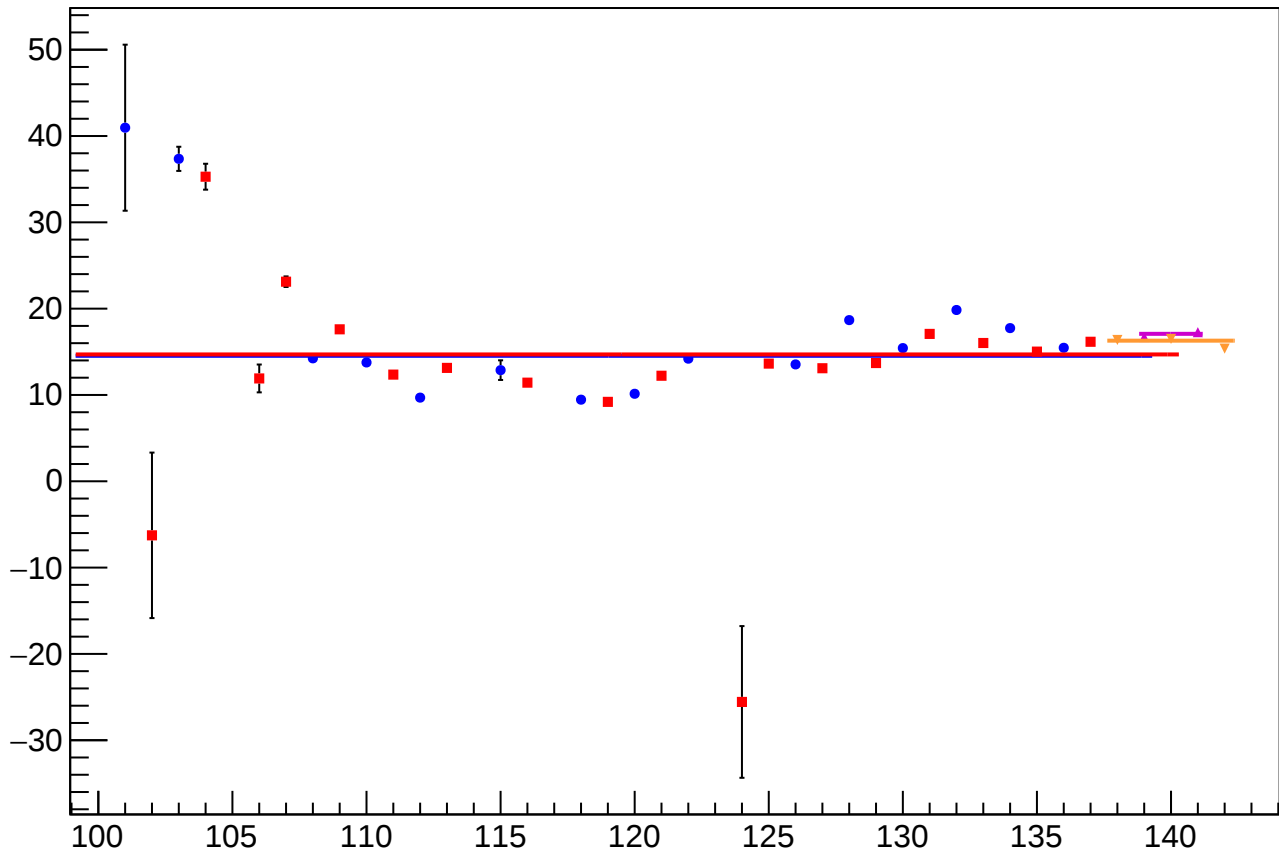
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -30.842 ± 0.027 $\chi^2/\text{NDF}: 129542.9/16$

Out: -21.966 ± 0.037 $\chi^2/\text{NDF}: 93903.4/20$

All: -27.661 ± 0.022 $\chi^2/\text{NDF}: 261262.9/37$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 16.291 $\pm$ 0.044 χ^2 /NDF: 95.5/2

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 17.082 $\pm$ 0.050 χ^2 /NDF: 28.8/1

Left: 16.637 $\pm$ 0.033 χ^2 /NDF: 267.7/4

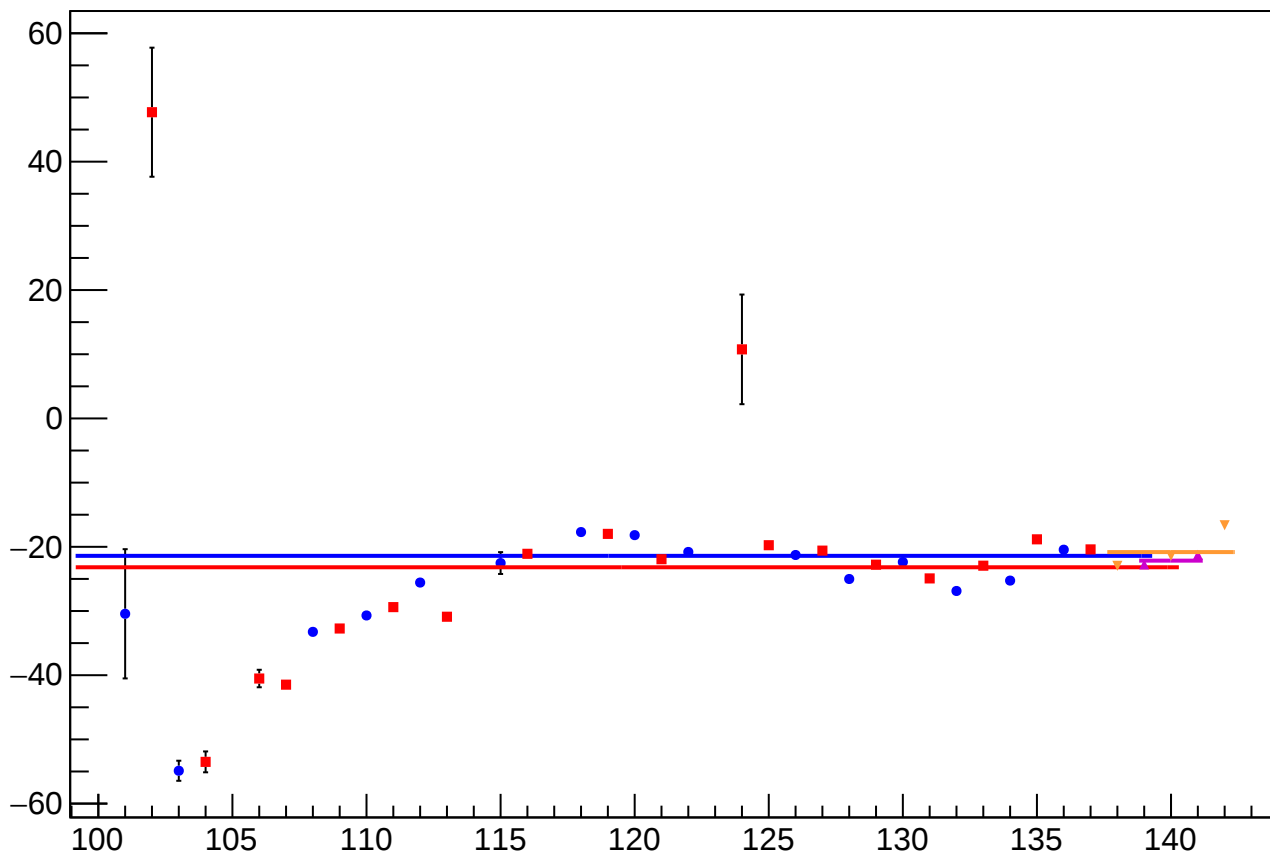
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.214 $\pm$ 0.026 χ^2 /NDF: 14033.4/16

Out: 15.489 $\pm$ 0.031 χ^2 /NDF: 2397.6/20

All: 15.326 $\pm$ 0.020 χ^2 /NDF: 16478.1/37

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -20.820 ± 0.066 $\chi^2/\text{NDF}: 715.6/2$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -22.153 ± 0.076 $\chi^2/\text{NDF}: 93.3/1$

Left: -21.399 ± 0.050 $\chi^2/\text{NDF}: 983.7/4$

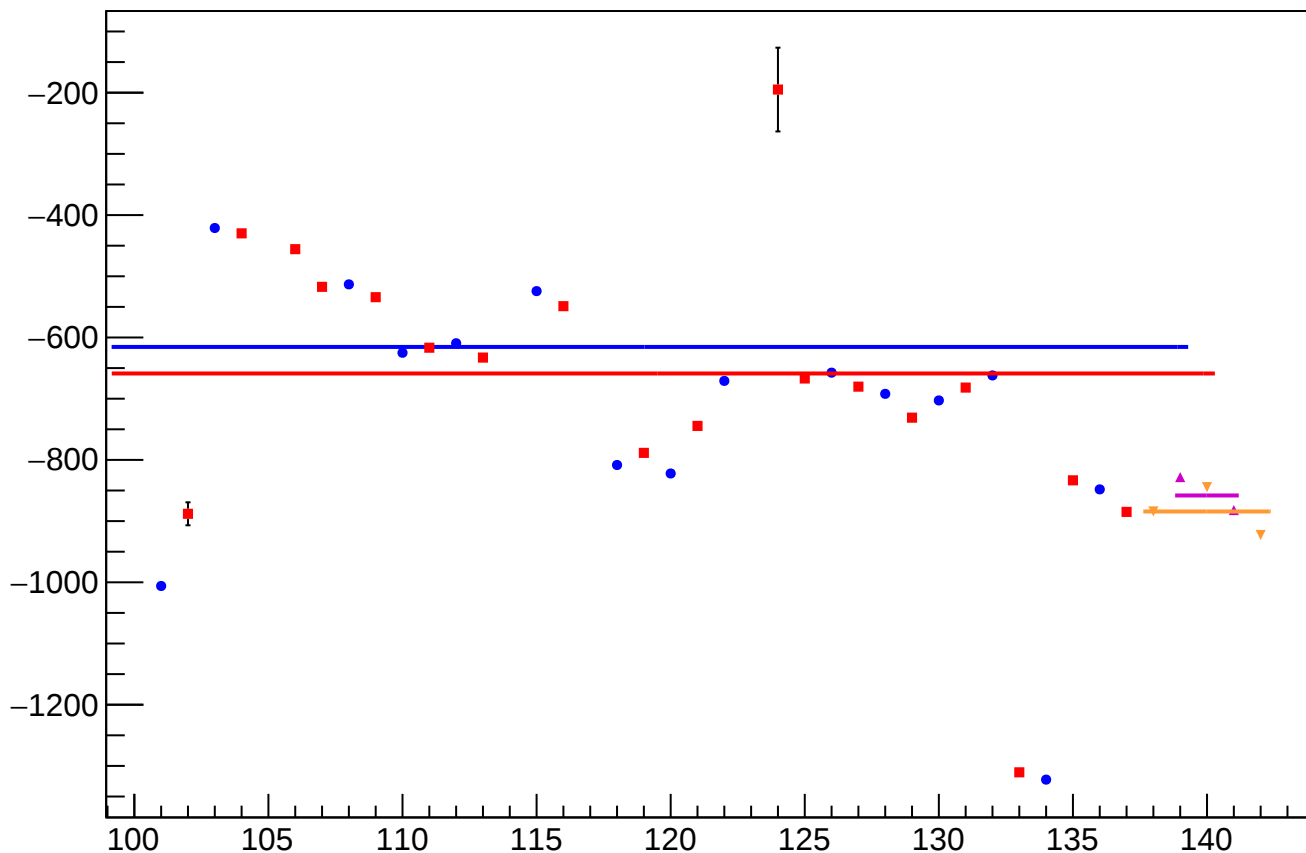
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.541 ± 0.032 $\chi^2/\text{NDF}: 9859.4/16$

Out: -22.306 ± 0.041 $\chi^2/\text{NDF}: 10639.3/20$

All: -21.837 ± 0.025 $\chi^2/\text{NDF}: 20717.5/37$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -884.272 ± 0.786 $\chi^2/\text{NDF}: 2335.8/2$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -858.112 ± 0.631 $\chi^2/\text{NDF}: 1800.4/1$

Left: -868.353 ± 0.492 $\chi^2/\text{NDF}: 4809.8/4$

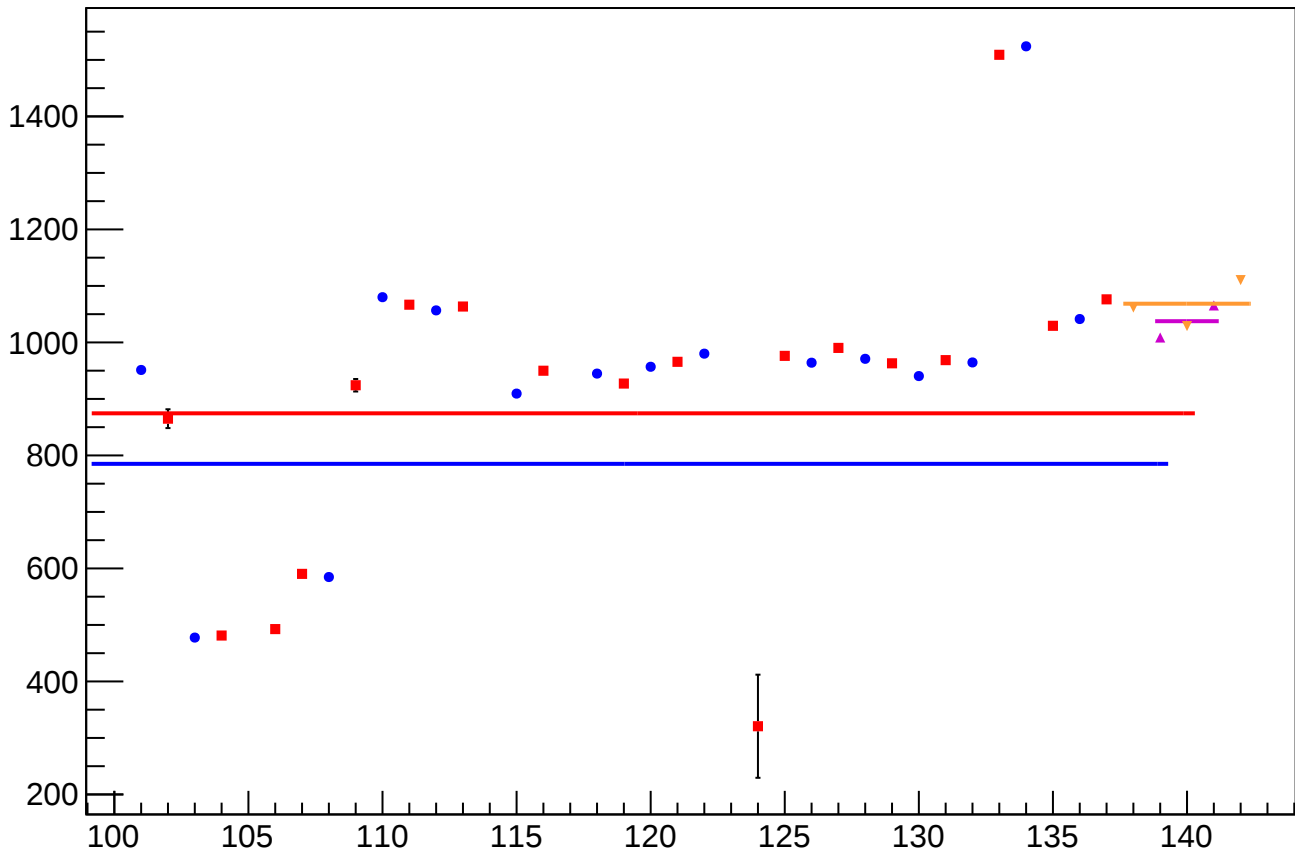
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -645.583 ± 0.222 $\chi^2/\text{NDF}: 514291.8/16$

Out: -680.443 ± 0.244 $\chi^2/\text{NDF}: 461935.3/20$

All: -661.421 ± 0.164 $\chi^2/\text{NDF}: 987394.6/37$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1068.519+/-0.778 χ^2/NDF : 2615.9/2

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1037.575+/-0.581 χ^2/NDF : 2383.7/1

Left: 1048.644+/-0.465 χ^2/NDF : 6015.1/4

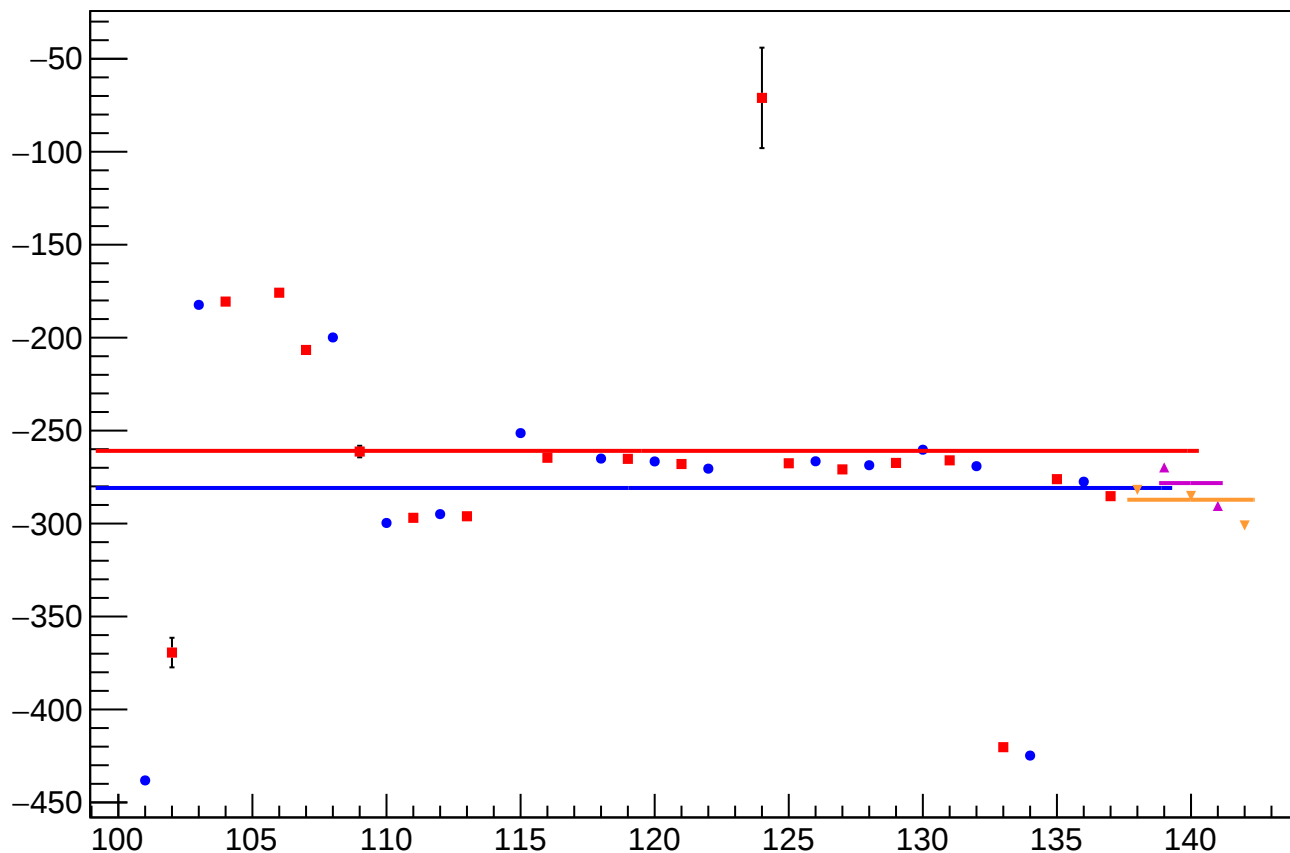
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 818.822+/-0.212 χ^2/NDF : 1052280.8/16

Out: 894.166+/-0.248 χ^2/NDF : 901032.0/20

All: 850.727+/-0.161 χ^2/NDF : 2006666.1/37

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -287.188+/-0.162 χ^2/NDF : 1138.7/2

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -278.226+/-0.068 χ^2/NDF : 22621.6/1

Left: -279.565+/-0.062 χ^2/NDF : 26378.6/4

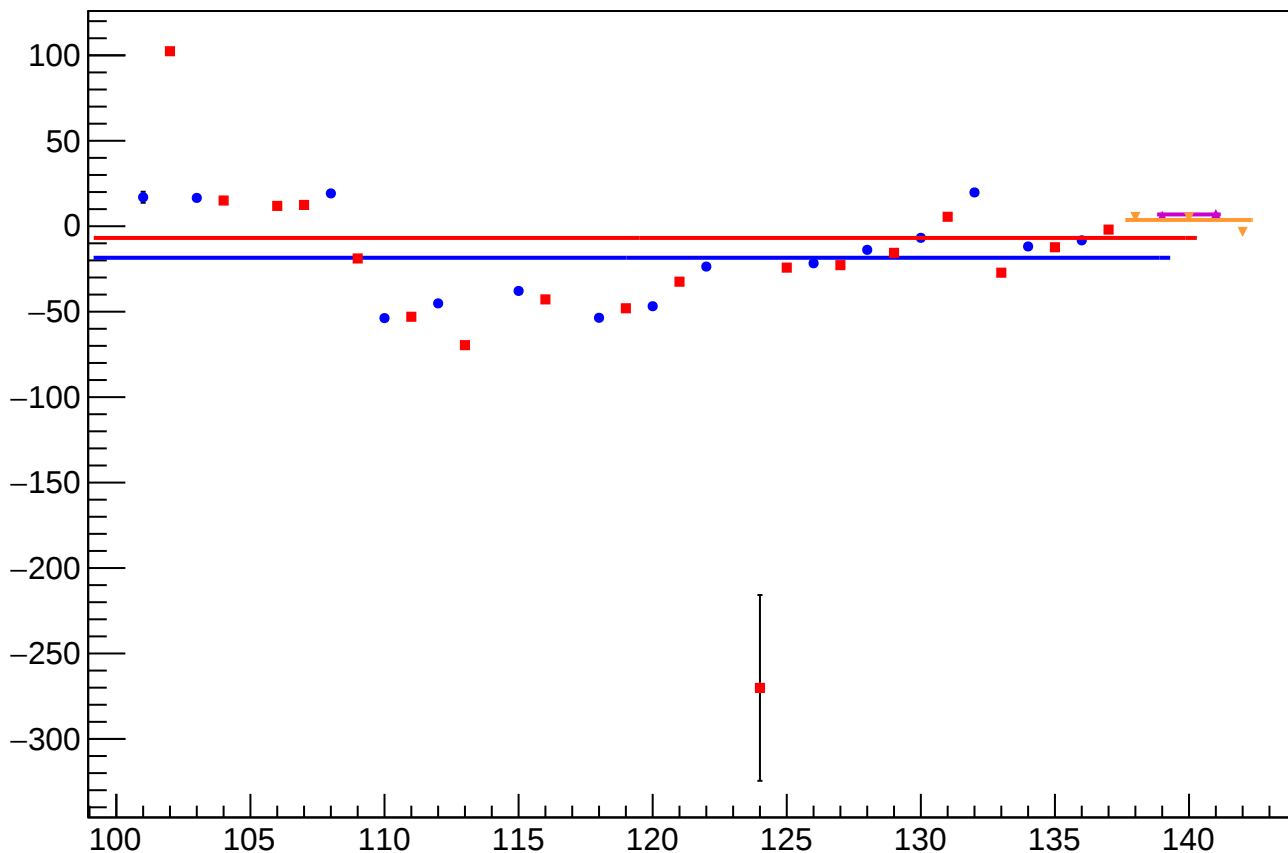
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -279.731+/-0.044 χ^2/NDF : 897096.1/16

Out: -264.811+/-0.062 χ^2/NDF : 371404.4/20

All: -274.726+/-0.036 χ^2/NDF : 1306582.1/37

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 3.670 ± 0.109 $\chi^2/\text{NDF}: 889.5/2$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.896 ± 0.093 $\chi^2/\text{NDF}: 20.7/1$

Left: 5.544 ± 0.071 $\chi^2/\text{NDF}: 1419.5/4$

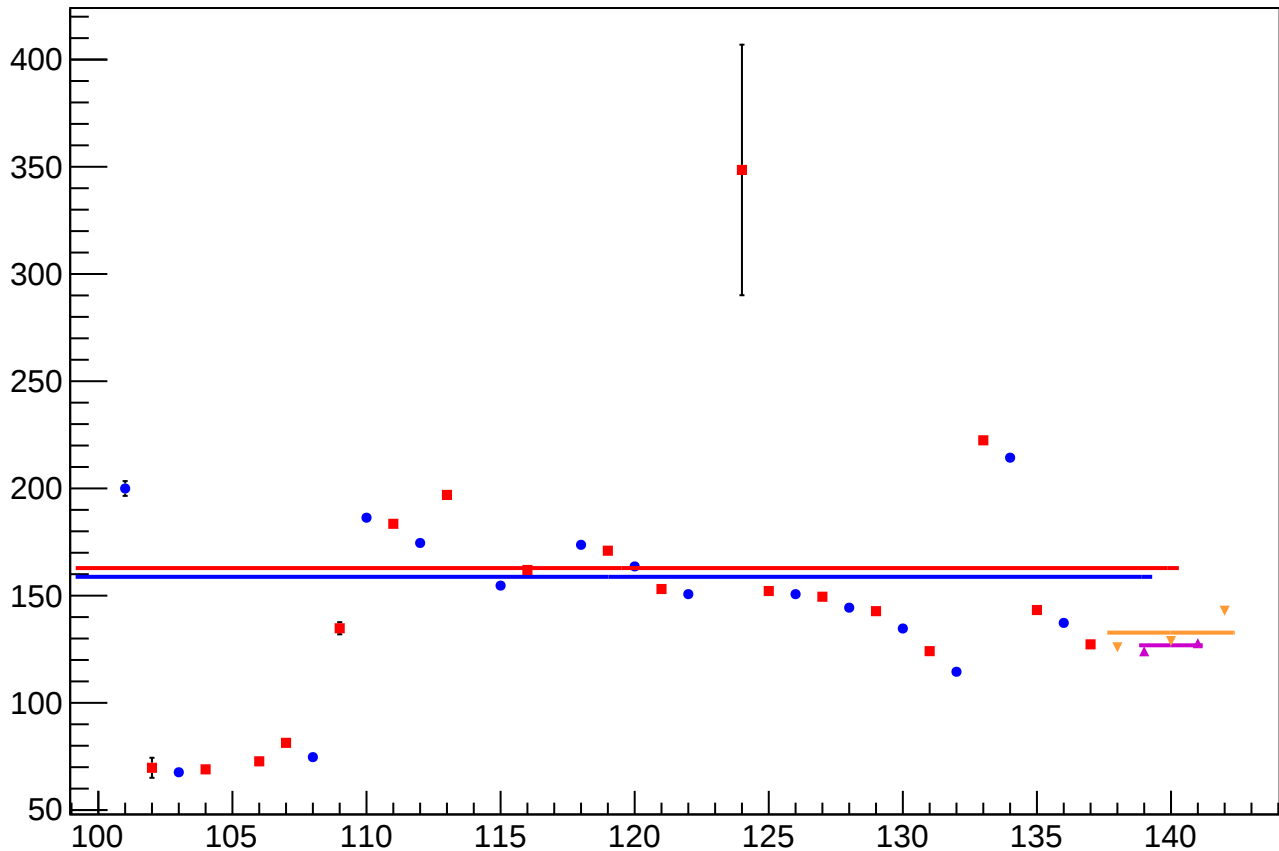
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.952 ± 0.065 $\chi^2/\text{NDF}: 84628.3/16$

Out: -4.109 ± 0.056 $\chi^2/\text{NDF}: 57805.0/20$

All: -4.888 ± 0.042 $\chi^2/\text{NDF}: 142898.1/37$

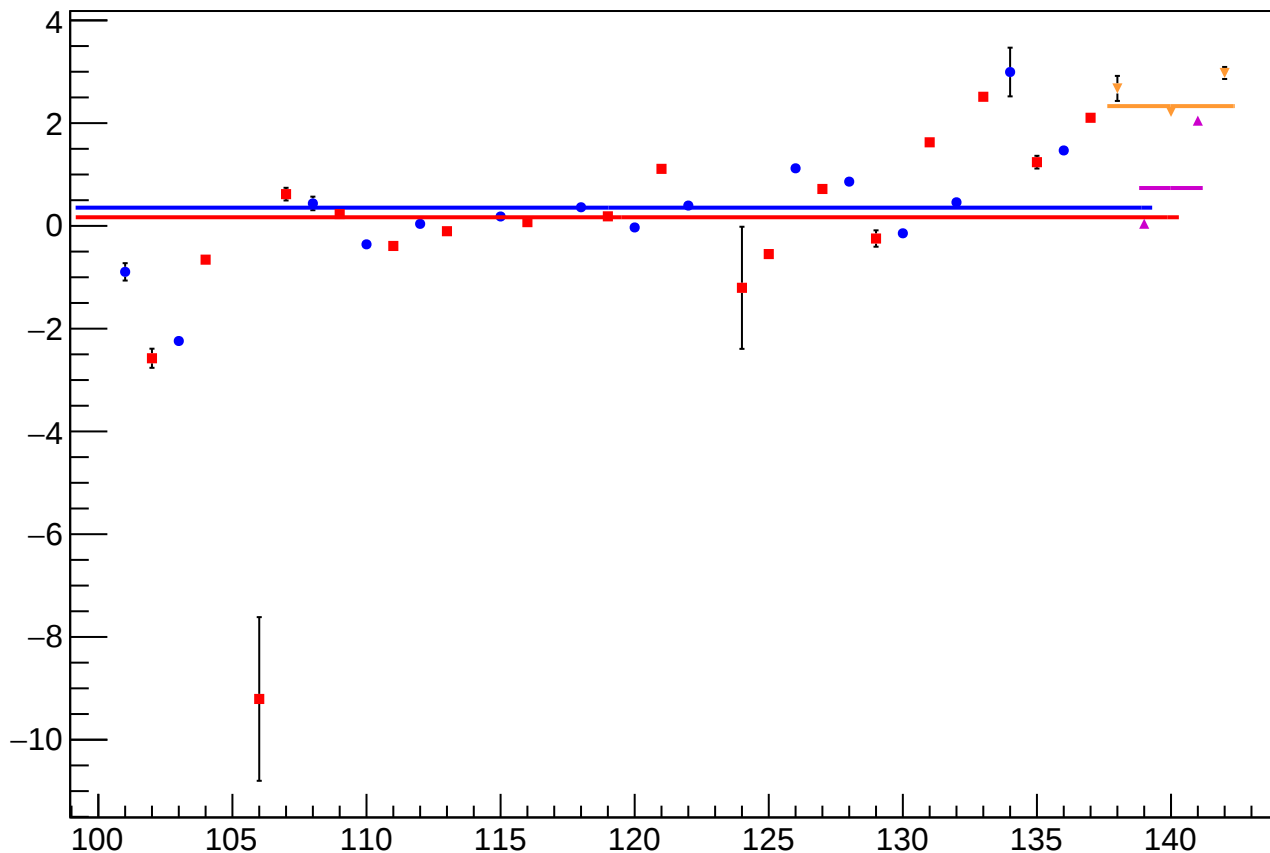
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 132.746 $\pm$ 0.140 χ^2/NDF : 2279.8/2
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 126.838 $\pm$ 0.106 χ^2/NDF : 244.3/1

Left: 128.998 $\pm$ 0.085 χ^2/NDF : 3654.2/4
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 145.723 $\pm$ 0.068 χ^2/NDF : 212691.7/16
 Out: 153.597 $\pm$ 0.078 χ^2/NDF : 190506.0/20
 All: 149.138 $\pm$ 0.051 χ^2/NDF : 409026.4/37

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 2.331 ± 0.042 $\chi^2/\text{NDF}: 38.4/2$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 0.737 ± 0.024 $\chi^2/\text{NDF}: 1609.3/1$

Left: 1.123 ± 0.021 $\chi^2/\text{NDF}: 2732.9/4$

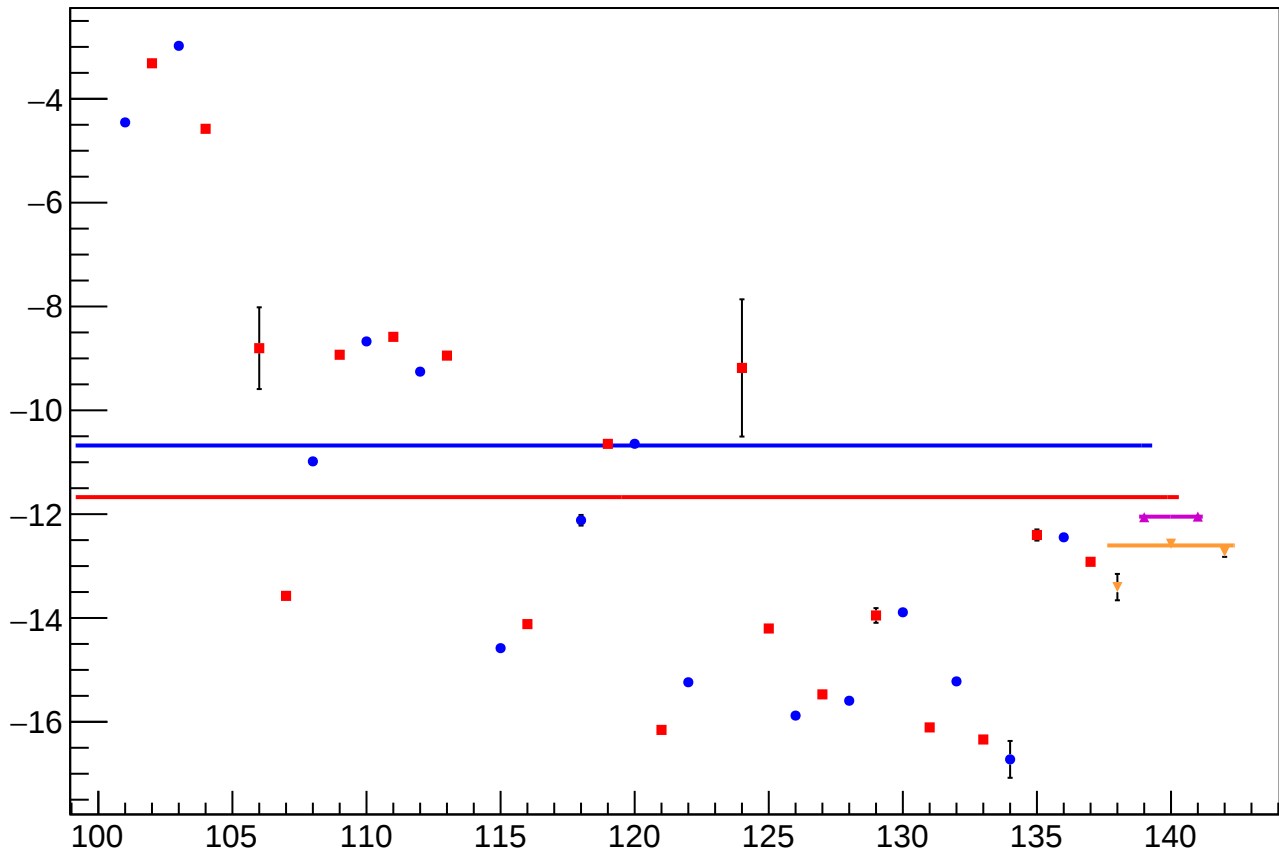
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.430 ± 0.011 $\chi^2/\text{NDF}: 5828.0/16$

Out: 0.237 ± 0.008 $\chi^2/\text{NDF}: 7178.5/20$

All: 0.302 ± 0.006 $\chi^2/\text{NDF}: 13229.1/37$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -12.603 ± 0.034 $\chi^2/\text{NDF}: 12.3/2$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.048 ± 0.030 $\chi^2/\text{NDF}: 0.0/1$

Left: -12.292 ± 0.023 $\chi^2/\text{NDF}: 158.7/4$

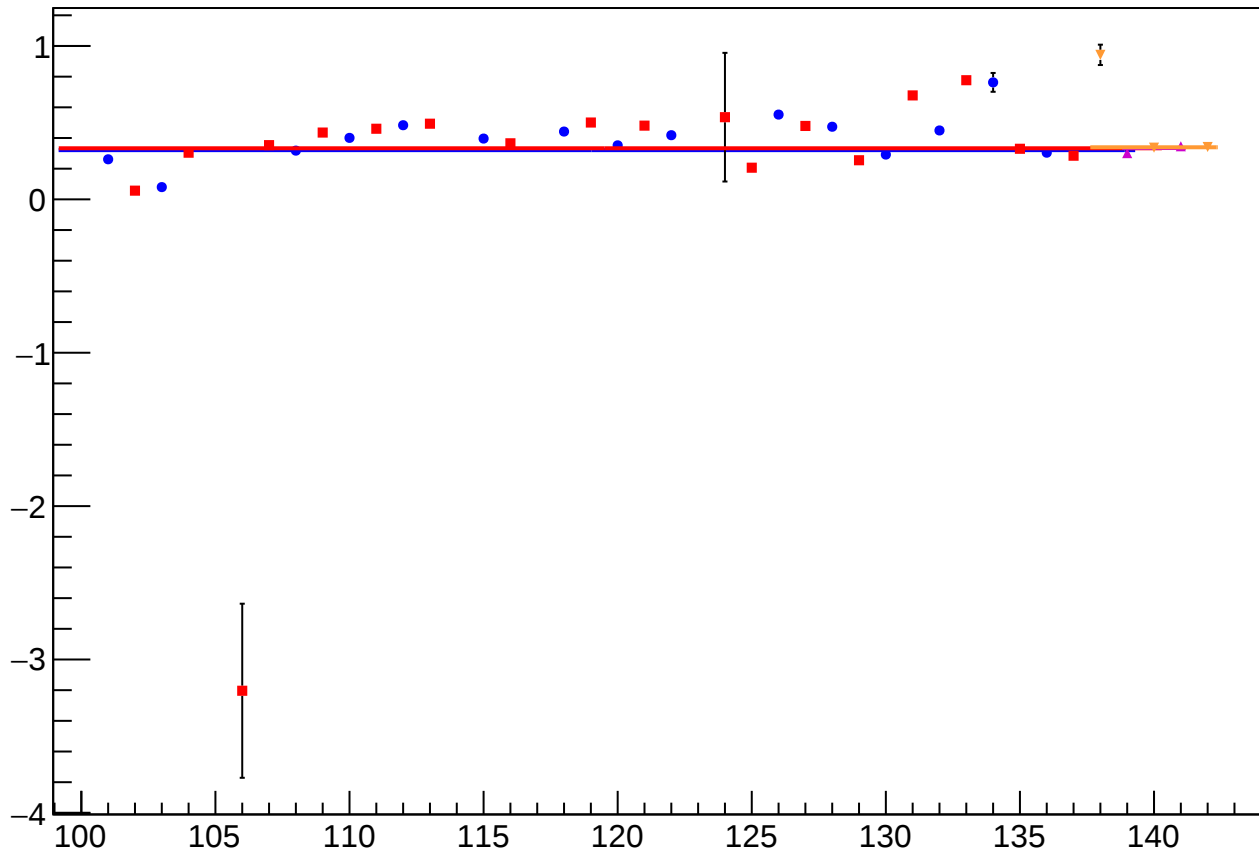
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.818 ± 0.010 $\chi^2/\text{NDF}: 228613.8/16$

Out: -11.768 ± 0.011 $\chi^2/\text{NDF}: 108517.4/20$

All: -11.235 ± 0.007 $\chi^2/\text{NDF}: 341302.9/37$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.340 ± 0.001 $\chi^2/\text{NDF}: 88.4/2$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 257.2/1$

Left: 0.338 ± 0.001 $\chi^2/\text{NDF}: 355.6/4$

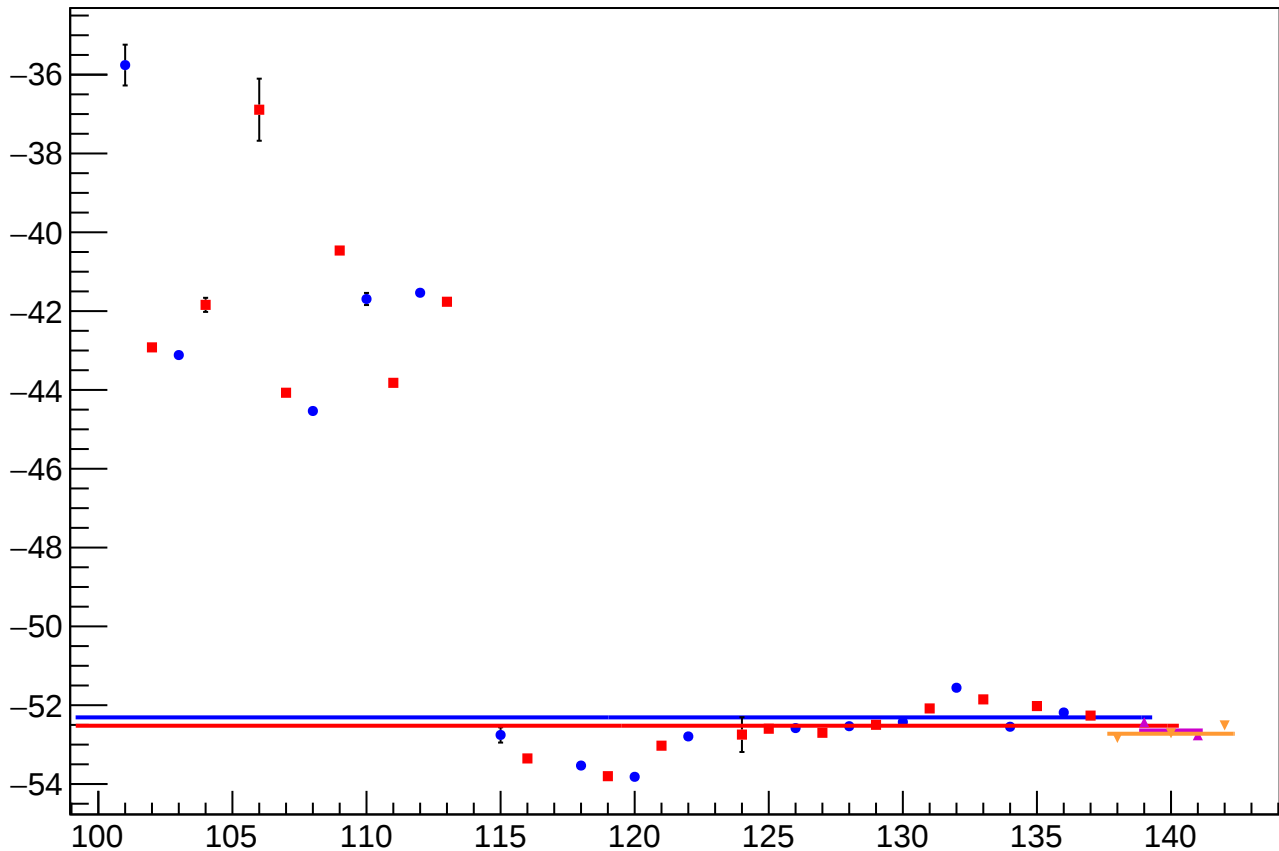
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.326 ± 0.001 $\chi^2/\text{NDF}: 4356.2/16$

Out: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4276.1/20$

All: 0.332 ± 0.001 $\chi^2/\text{NDF}: 8748.8/37$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.724 $\pm$ 0.008 χ^2 /NDF:320.1/2

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.641 $\pm$ 0.007 χ^2 /NDF:544.4/1

Left: -52.677 $\pm$ 0.005 χ^2 /NDF: 927.5/4

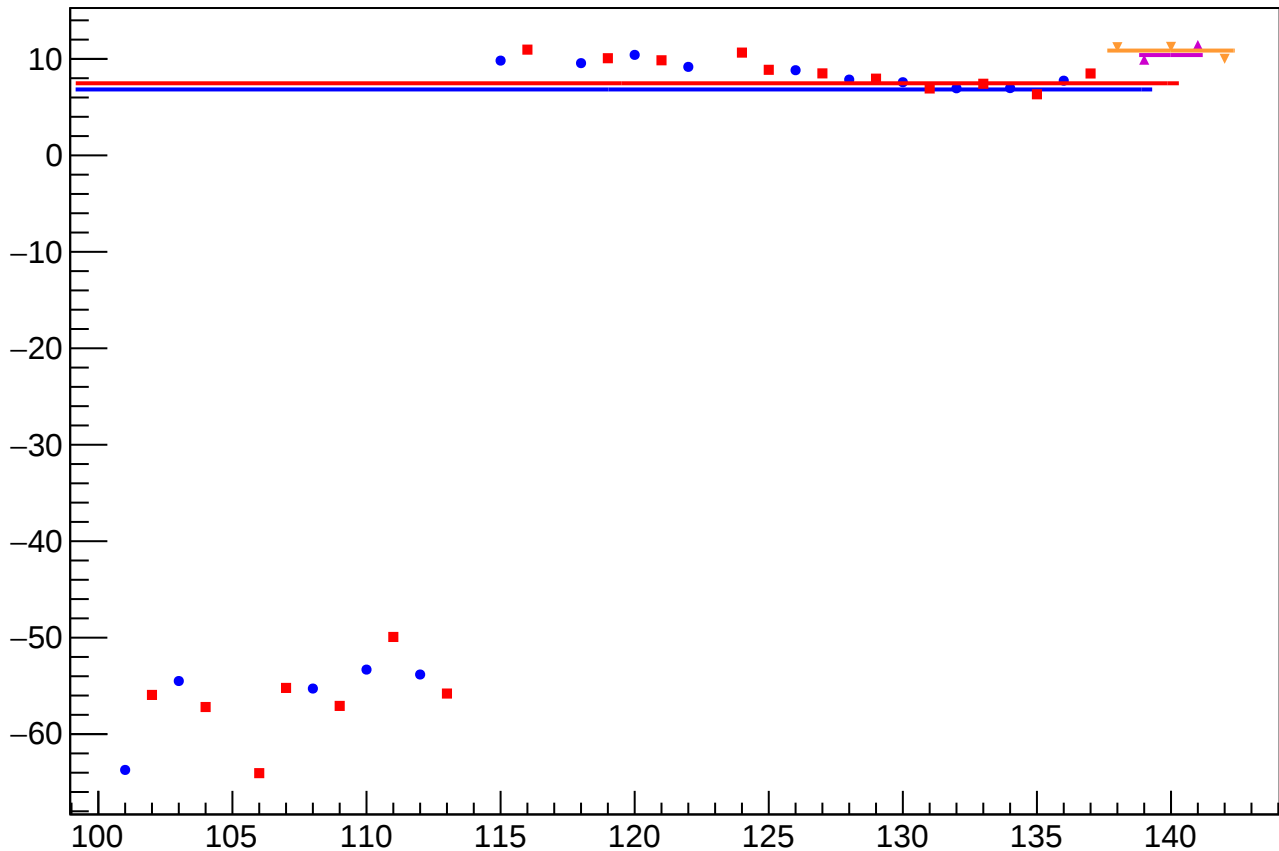
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.406 $\pm$ 0.004 χ^2 /NDF:55664.1/16

Out: -52.573 $\pm$ 0.004 χ^2 /NDF:77438.8/20

All: -52.484 $\pm$ 0.003 χ^2 /NDF: 134046.9/37

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 10.866 $\pm$ 0.016 χ^2 /NDF:1241.3/2

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 10.400 $\pm$ 0.019 χ^2 /NDF:1447.6/1

Left: 10.672 $\pm$ 0.012 χ^2 /NDF: 3056.6/4

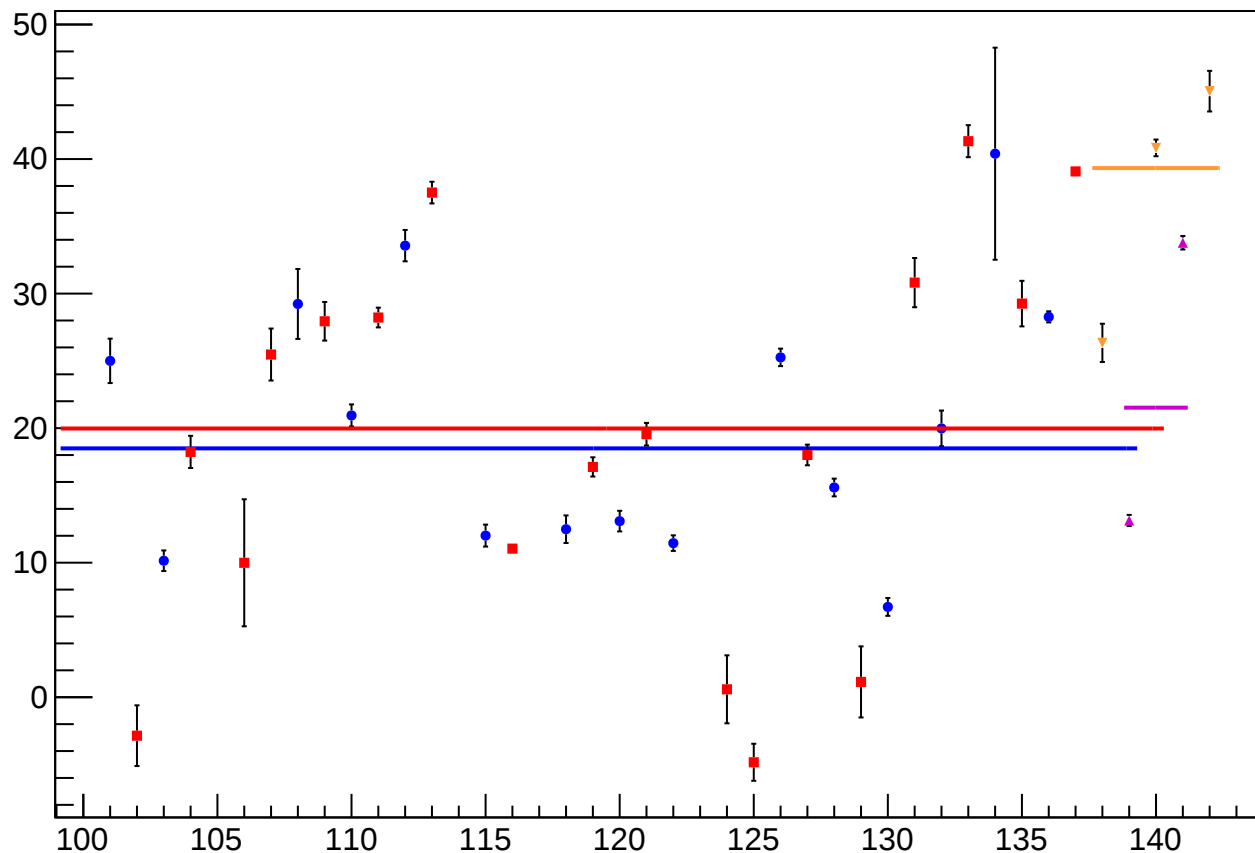
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026313.8/16

Out: 8.355 $\pm$ 0.008 χ^2 /NDF:1231347.3/20

All: 7.427 $\pm$ 0.004 χ^2 /NDF: 2276173.2/37

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 39.329 $\pm$ 0.531 χ^2 /NDF:103.7/2

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 21.522 $\pm$ 0.319 χ^2 /NDF:1008.6/1

Left: 26.246 $\pm$ 0.274 χ^2 /NDF: 1937.9/4

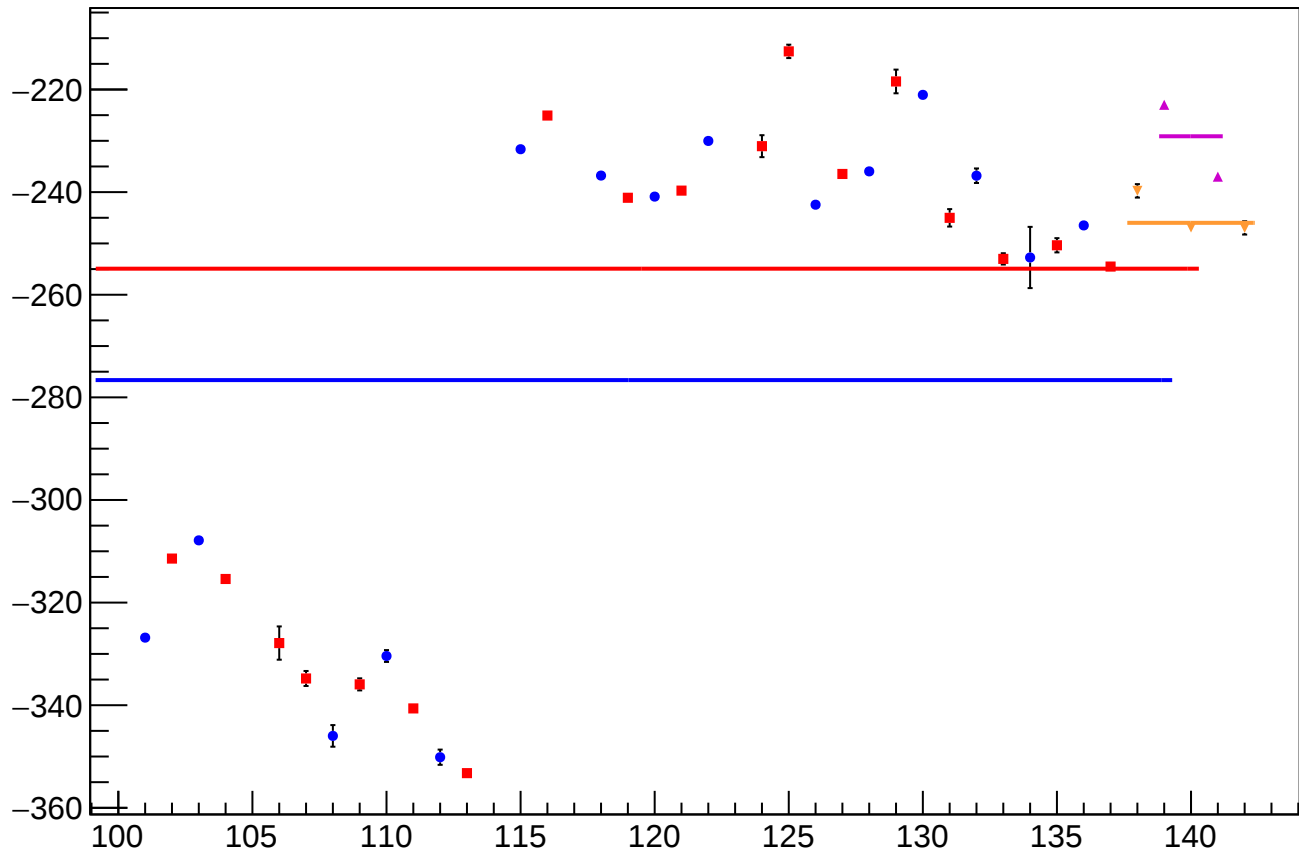
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.349 $\pm$ 0.170 χ^2 /NDF:2709.8/16

Out: 21.070 $\pm$ 0.126 χ^2 /NDF:10557.4/20

All: 20.455 $\pm$ 0.101 χ^2 /NDF: 13333.4/37

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -245.985 ± 0.471 $\chi^2/\text{NDF}: 25.9/2$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -229.115 ± 0.271 $\chi^2/\text{NDF}: 656.2/1$

Left: -233.319 ± 0.235 $\chi^2/\text{NDF}: 1645.3/4$

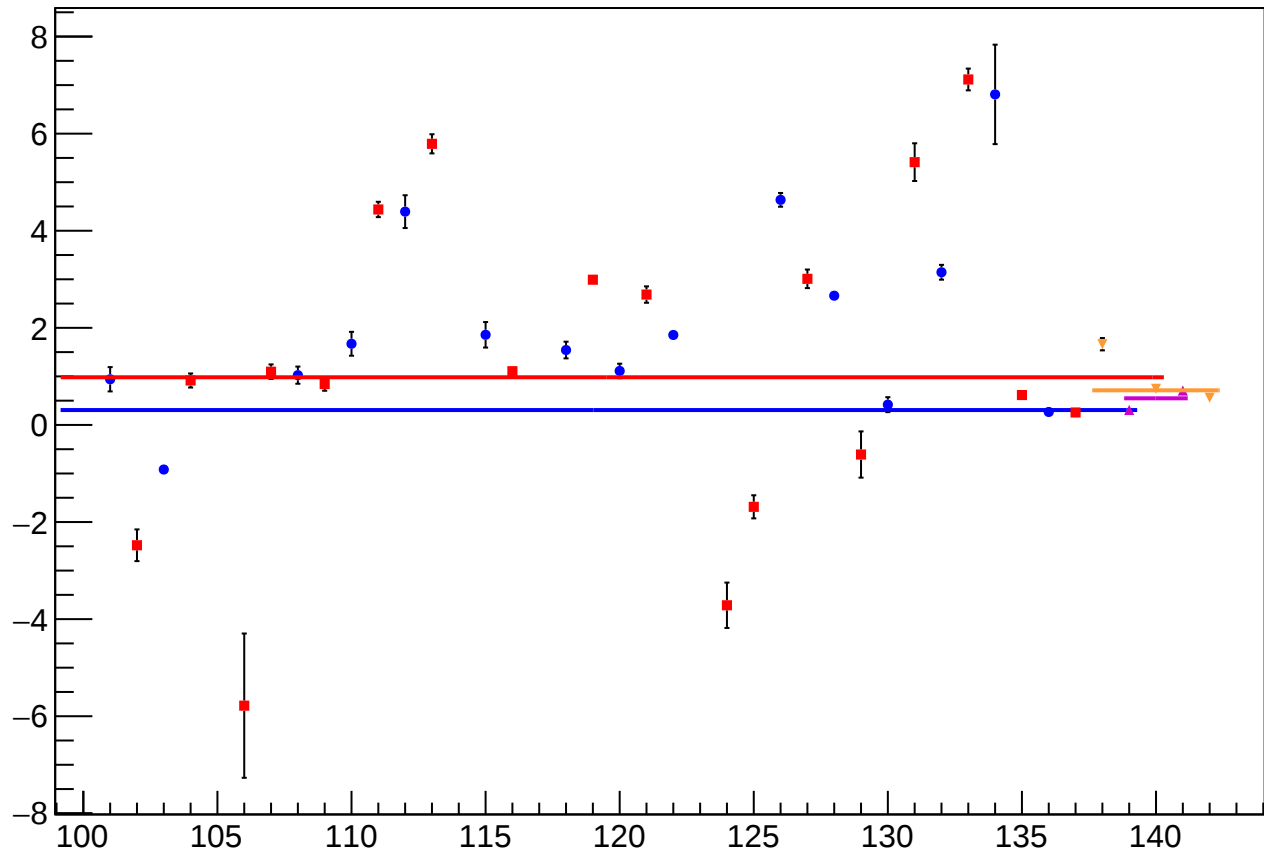
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -265.792 ± 0.130 $\chi^2/\text{NDF}: 101448.2/16$

Out: -254.721 ± 0.070 $\chi^2/\text{NDF}: 72323.6/20$

All: -257.244 ± 0.062 $\chi^2/\text{NDF}: 179403.6/37$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.713 ± 0.008 $\chi^2/\text{NDF}: 138.8/2$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.548 ± 0.005 $\chi^2/\text{NDF}: 1585.9/1$

Left: 0.594 ± 0.004 $\chi^2/\text{NDF}: 2039.7/4$

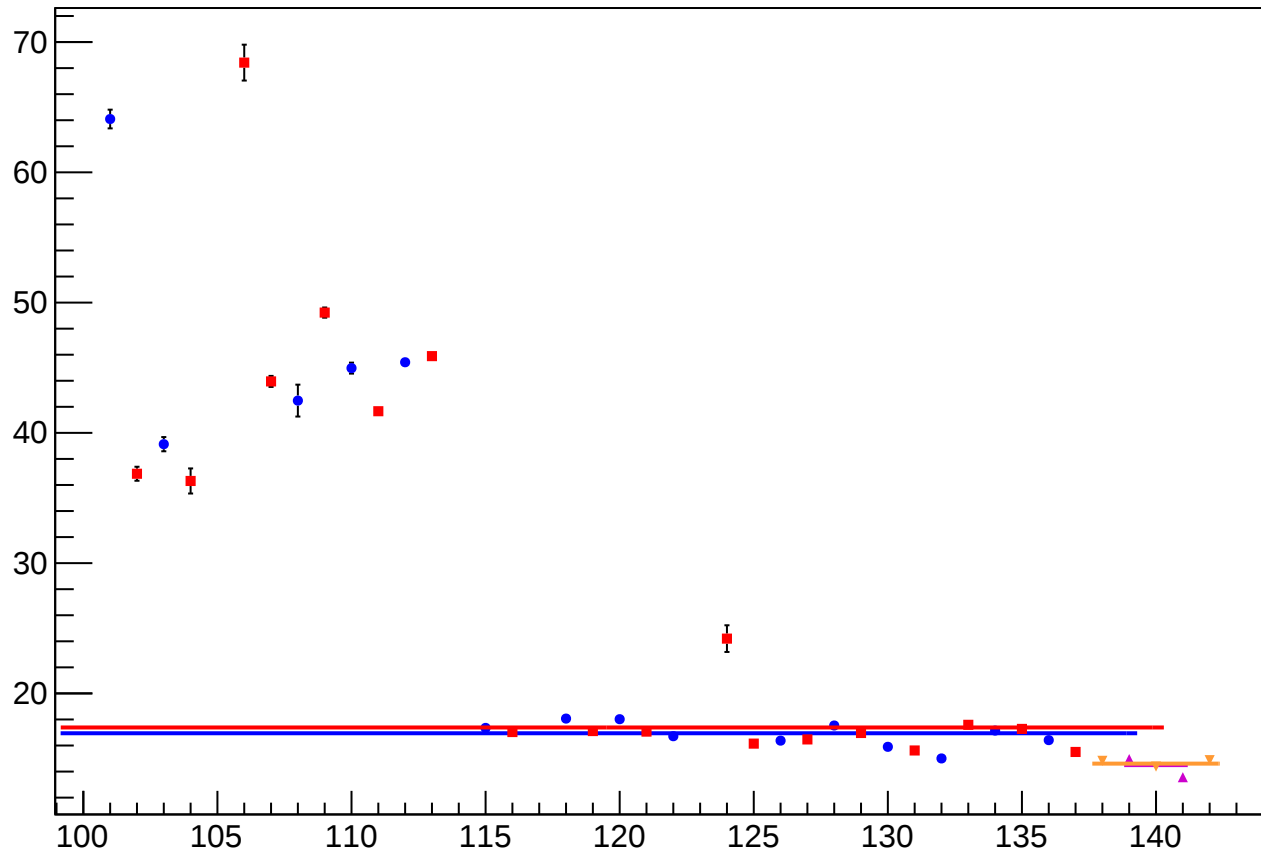
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.463 ± 0.004 $\chi^2/\text{NDF}: 5231.6/16$

Out: 0.773 ± 0.007 $\chi^2/\text{NDF}: 3773.4/20$

All: 0.539 ± 0.003 $\chi^2/\text{NDF}: 10514.9/37$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.610 ± 0.026 $\chi^2/\text{NDF}: 82.0/2$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.496 ± 0.026 $\chi^2/\text{NDF}: 625.0/1$

Left: 14.554 ± 0.018 $\chi^2/\text{NDF}: 716.6/4$

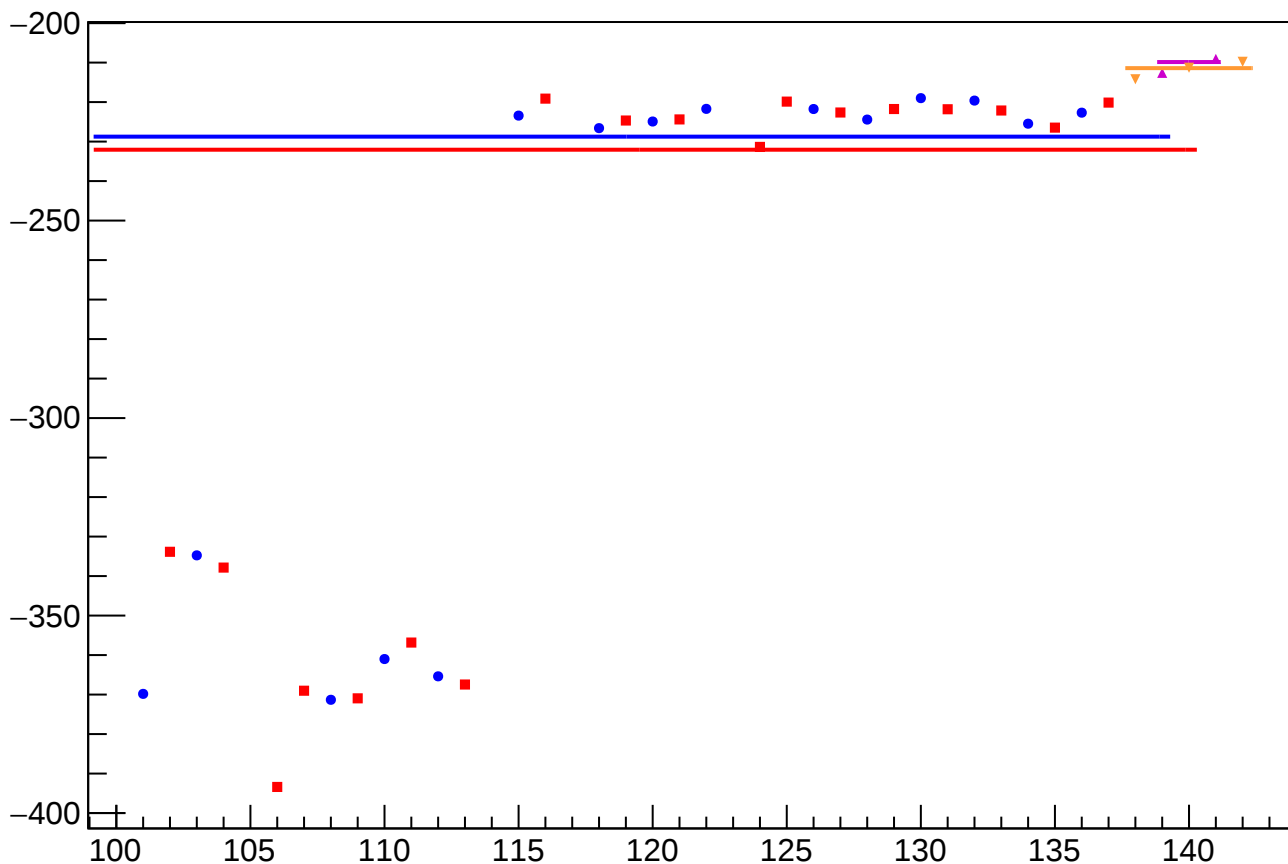
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.468 ± 0.012 $\chi^2/\text{NDF}: 36635.8/16$

Out: 16.509 ± 0.015 $\chi^2/\text{NDF}: 69076.4/20$

All: 16.484 ± 0.009 $\chi^2/\text{NDF}: 105717.0/37$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -211.405+/-0.045 χ^2/NDF :1355.9/2

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -209.861+/-0.045 χ^2/NDF :1101.1/1

Left: -210.627+/-0.032 χ^2/NDF : 3051.6/4

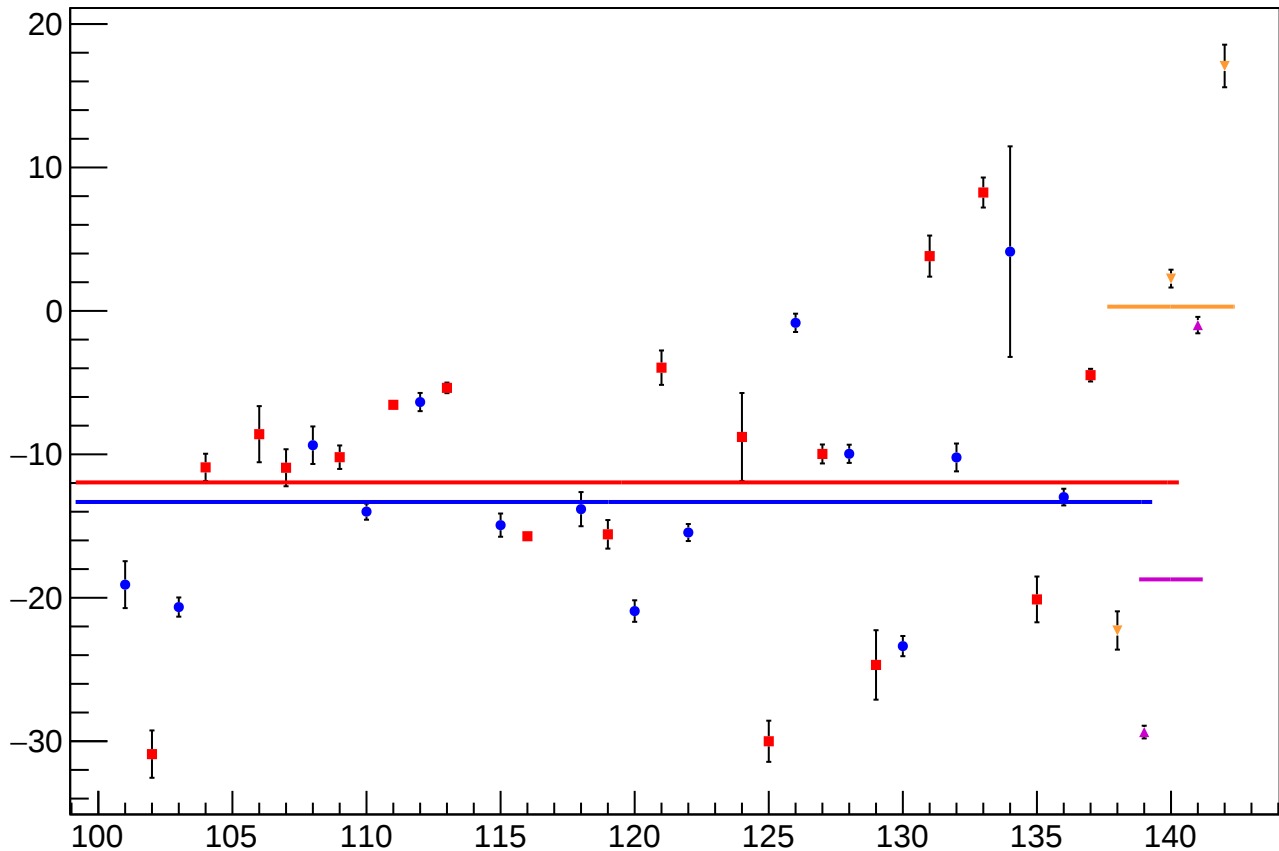
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -221.635+/-0.027 χ^2/NDF :770365.4/16

Out: -222.606+/-0.030 χ^2/NDF :907317.4/20

All: -222.070+/-0.020 χ^2/NDF : 1678245.7/37

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: 0.296 ± 0.527 $\chi^2/\text{NDF}: 423.4/2$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -18.718 ± 0.351 $\chi^2/\text{NDF}: 1534.8/1$

Left: -12.884 ± 0.292 $\chi^2/\text{NDF}: 2860.3/4$

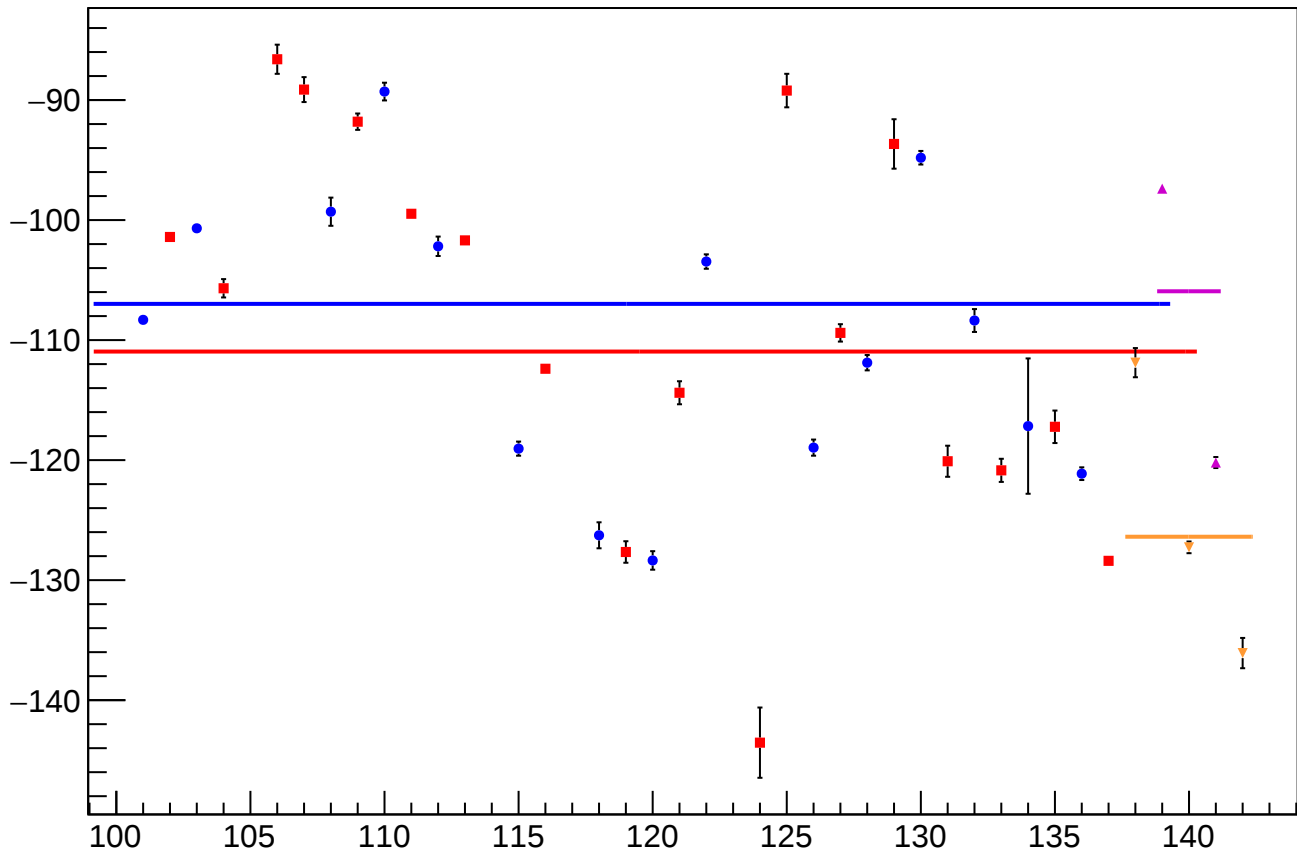
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.583 ± 0.170 $\chi^2/\text{NDF}: 2729.3/16$

Out: -11.422 ± 0.110 $\chi^2/\text{NDF}: 3427.4/20$

All: -12.359 ± 0.092 $\chi^2/\text{NDF}: 6401.2/37$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -126.383 ± 0.426 $\chi^2/\text{NDF}: 204.5/2$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -105.932 ± 0.281 $\chi^2/\text{NDF}: 1542.8/1$

Left: -112.138 ± 0.235 $\chi^2/\text{NDF}: 3352.1/4$

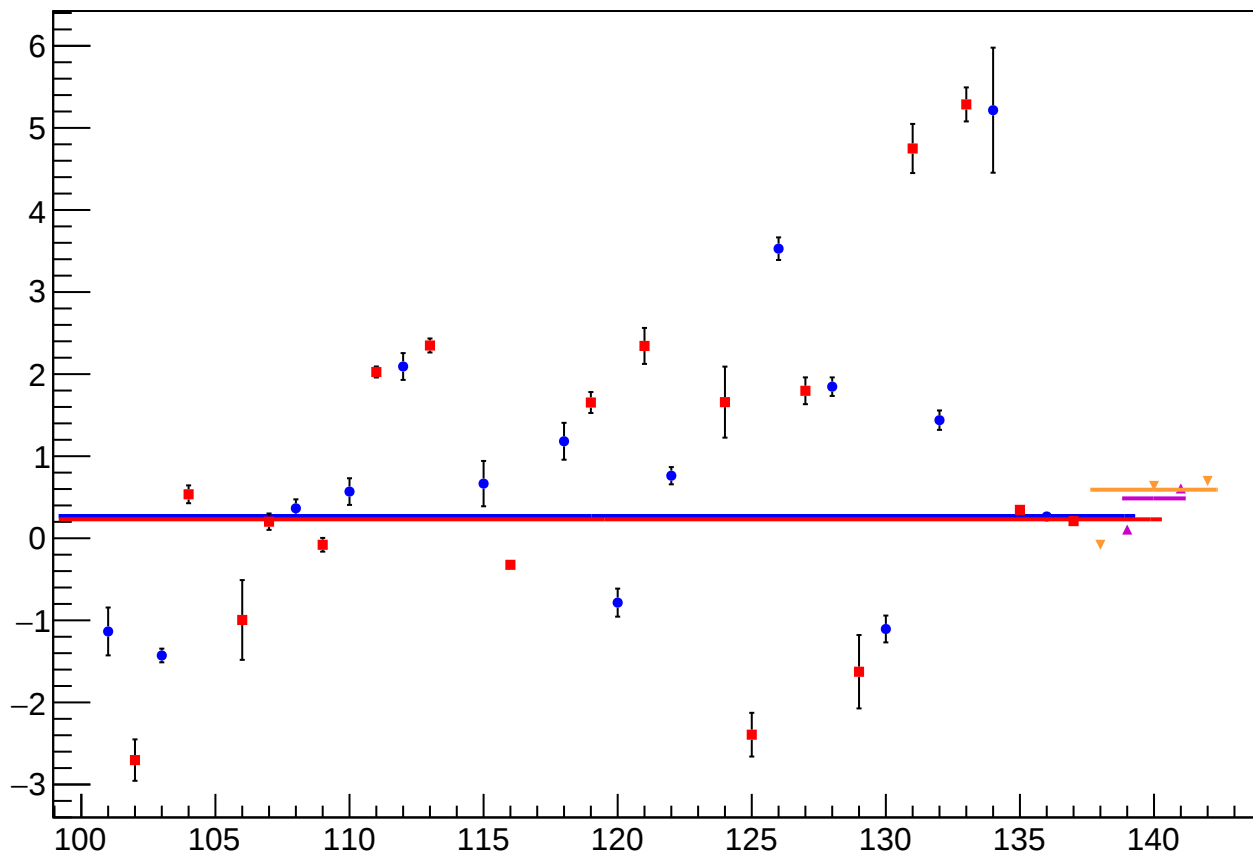
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.843 ± 0.102 $\chi^2/\text{NDF}: 6213.2/16$

Out: -111.166 ± 0.050 $\chi^2/\text{NDF}: 12172.8/20$

All: -110.339 ± 0.045 $\chi^2/\text{NDF}: 19825.3/37$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 $\pm$ 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.592 $\pm$ 0.008 χ^2/NDF : 849.8/2

Right Out: 0.231 $\pm$ 0.004 χ^2/NDF : 2907.8/17

Left In: 0.486 $\pm$ 0.004 χ^2/NDF : 2394.5/1

Left: 0.511 $\pm$ 0.004 χ^2/NDF : 3384.5/4

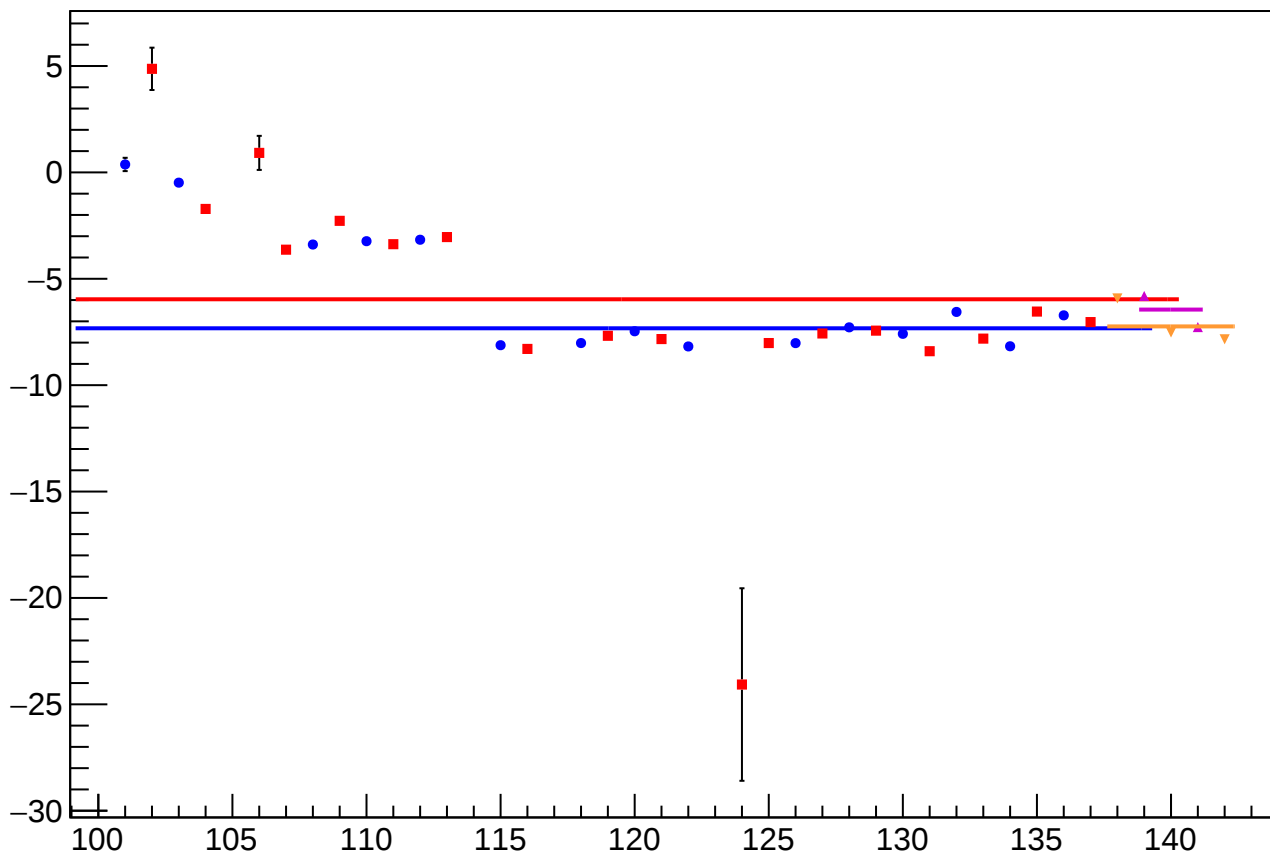
Right: 0.247 $\pm$ 0.003 χ^2/NDF : 4554.2/32

In: 0.399 $\pm$ 0.003 χ^2/NDF : 4975.3/16

Out: 0.318 $\pm$ 0.004 χ^2/NDF : 5379.3/20

All: 0.364 $\pm$ 0.003 χ^2/NDF : 10602.0/37

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -7.238 ± 0.027 $\chi^2/\text{NDF}: 863.5/2$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.447 ± 0.015 $\chi^2/\text{NDF}: 2243.2/1$

Left: -6.640 ± 0.013 $\chi^2/\text{NDF}: 3755.3/4$

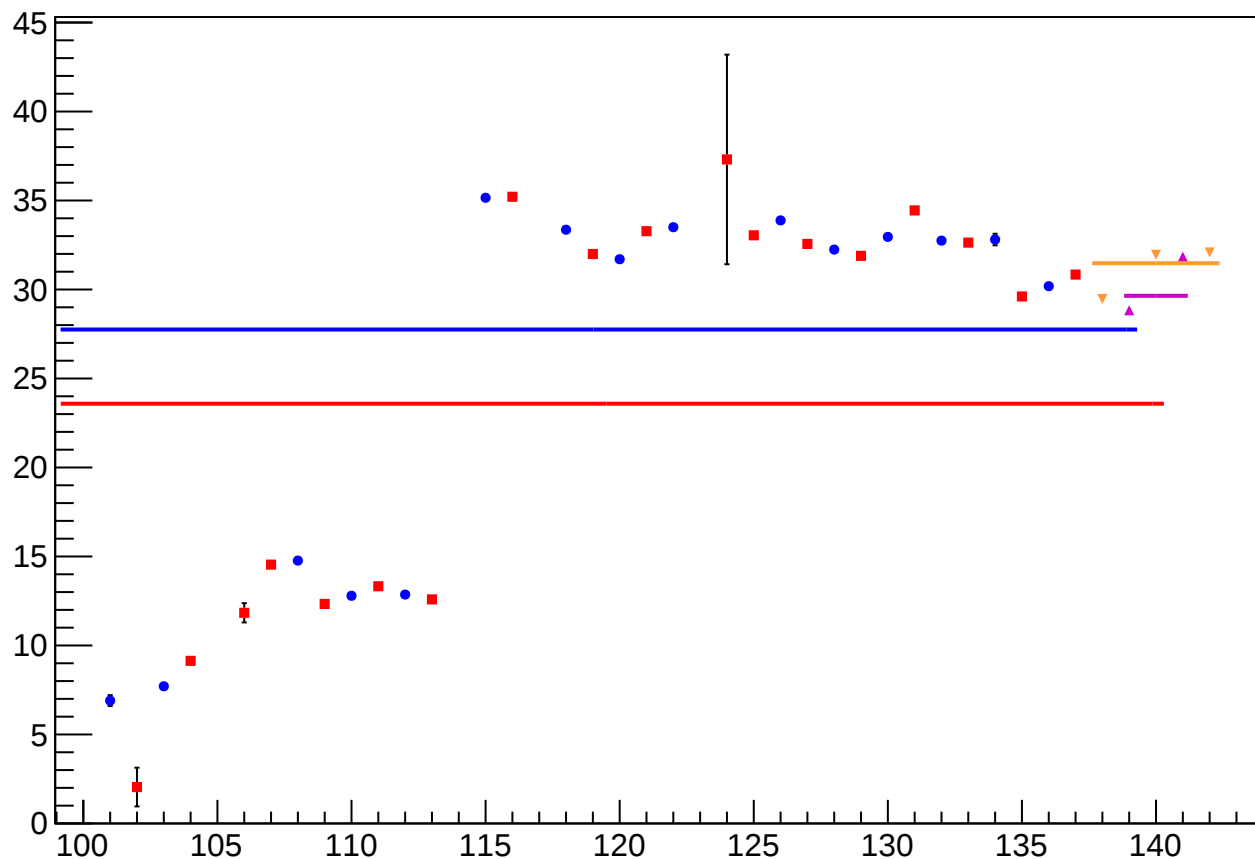
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -7.124 ± 0.007 $\chi^2/\text{NDF}: 35275.9/16$

Out: -6.085 ± 0.008 $\chi^2/\text{NDF}: 74683.7/20$

All: -6.670 ± 0.006 $\chi^2/\text{NDF}: 118679.7/37$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.477 $\pm$ 0.040 χ^2 /NDF:665.3/2

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.647 $\pm$ 0.037 χ^2 /NDF:1293.4/1

Left: 30.504 $\pm$ 0.027 χ^2 /NDF: 3096.8/4

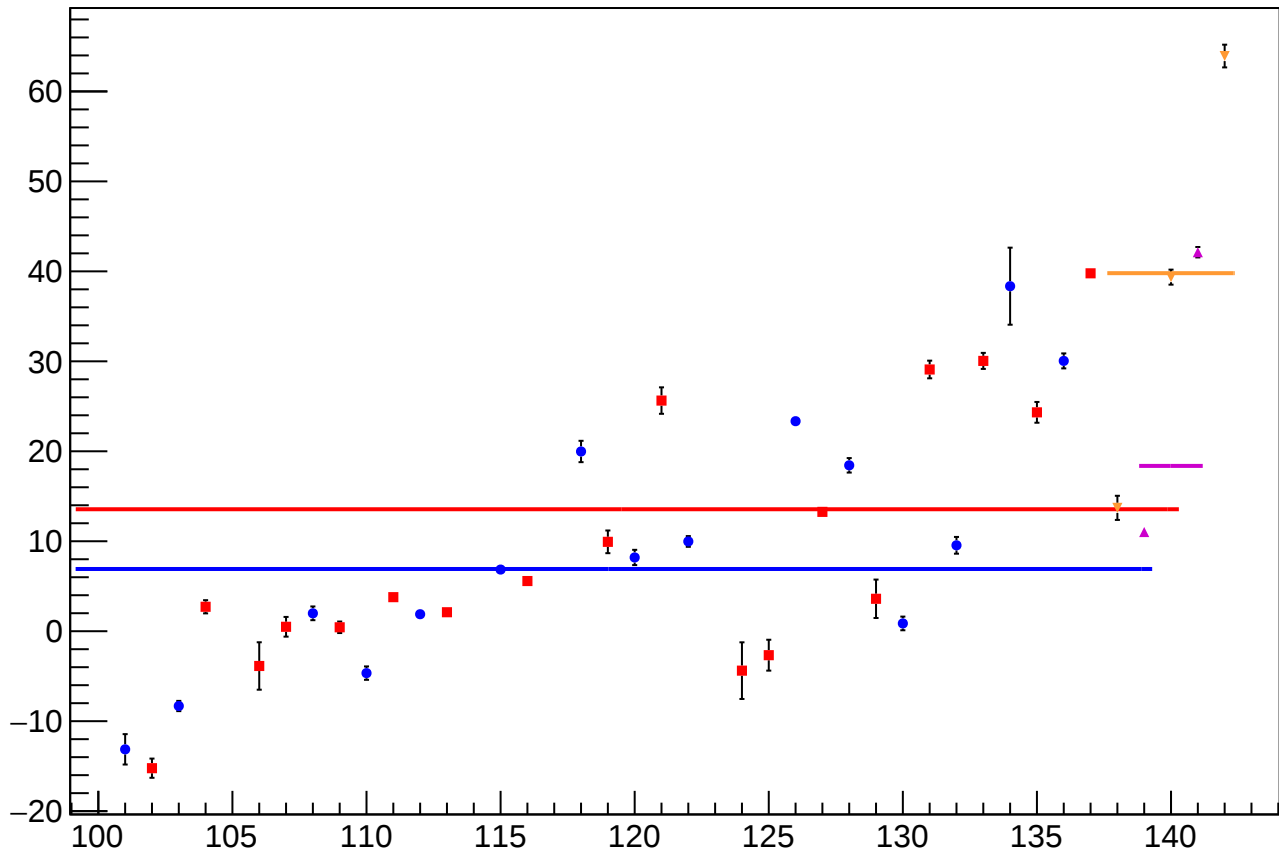
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.019 $\pm$ 0.014 χ^2 /NDF:336459.3/16

Out: 24.431 $\pm$ 0.013 χ^2 /NDF:575798.1/20

All: 26.095 $\pm$ 0.009 χ^2 /NDF: 947815.6/37

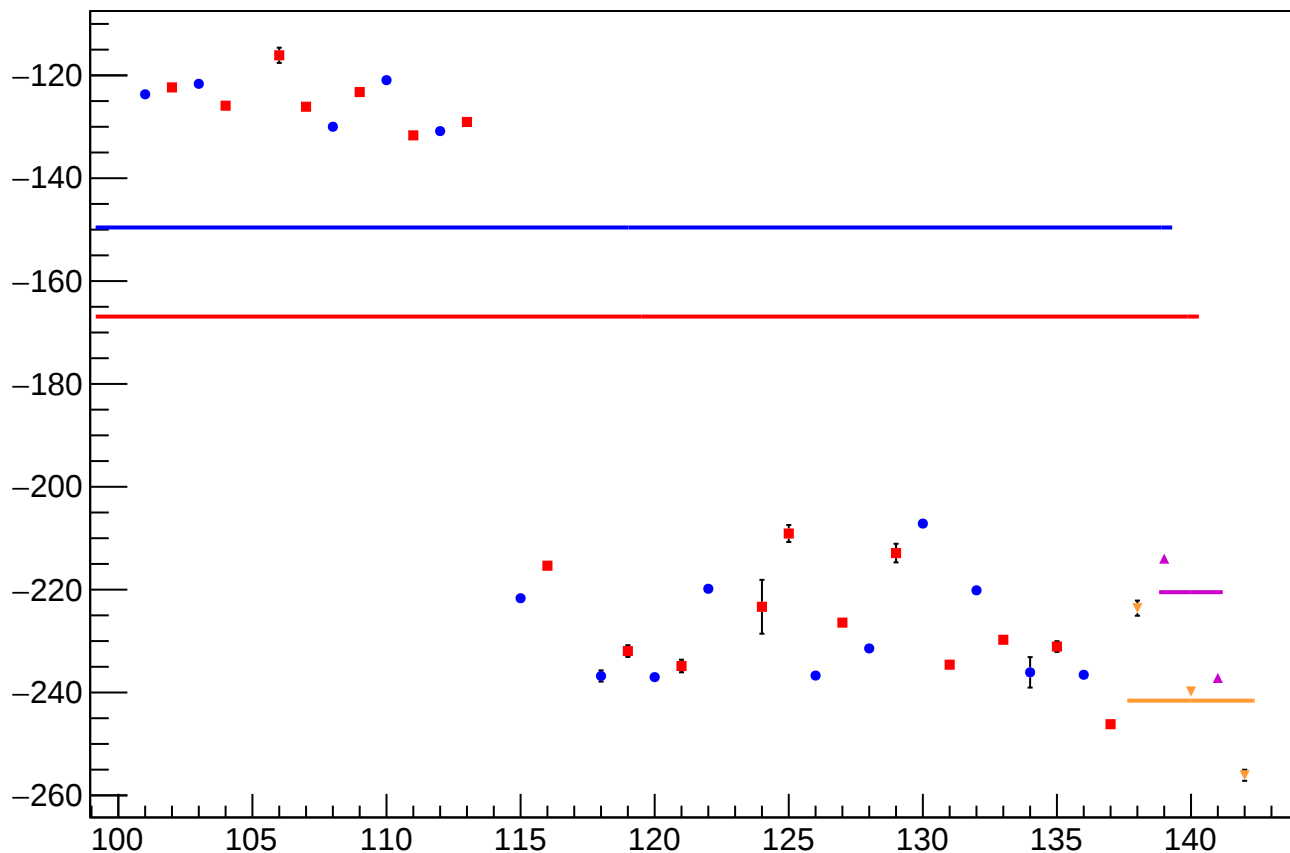
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 39.798 ± 0.618 $\chi^2/\text{NDF}: 743.0/2$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 18.375 ± 0.282 $\chi^2/\text{NDF}: 2201.8/1$

Left: 22.055 ± 0.256 $\chi^2/\text{NDF}: 3939.0/4$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 10.150 ± 0.150 $\chi^2/\text{NDF}: 6893.6/16$
 Out: 14.926 ± 0.141 $\chi^2/\text{NDF}: 14107.3/20$
 All: 12.675 ± 0.103 $\chi^2/\text{NDF}: 21539.9/37$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -241.583 ± 0.519 χ^2/NDF : 338.7/2

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -220.491 ± 0.241 χ^2/NDF : 1876.2/1

Left: -224.227 ± 0.218 χ^2/NDF : 3574.8/4

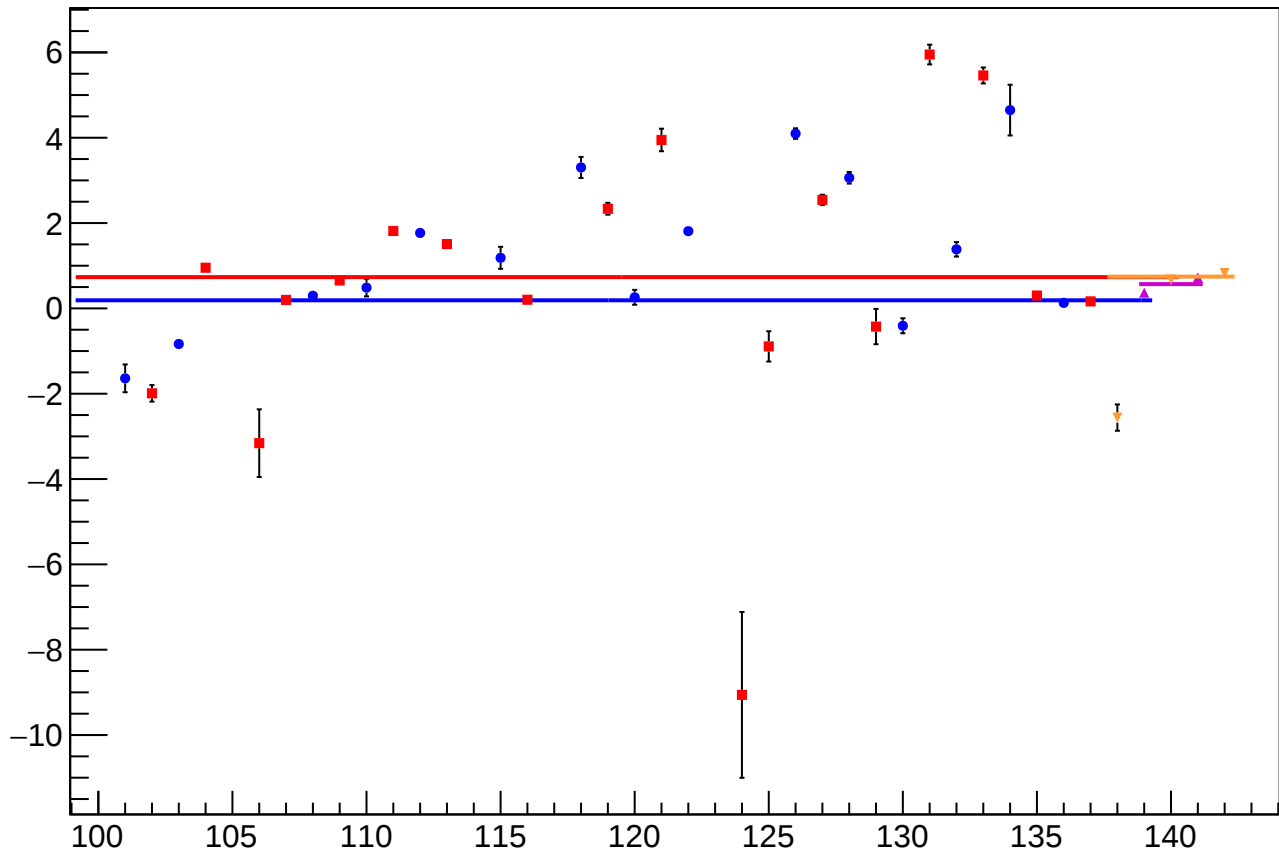
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.173 ± 0.093 χ^2/NDF : 270788.3/16

Out: -169.604 ± 0.099 χ^2/NDF : 315797.9/20

All: -164.608 ± 0.068 χ^2/NDF : 591418.5/37

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.745 ± 0.012 $\chi^2/\text{NDF}: 153.3/2$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.569 ± 0.008 $\chi^2/\text{NDF}: 528.3/1$

Left: 0.618 ± 0.006 $\chi^2/\text{NDF}: 830.6/4$

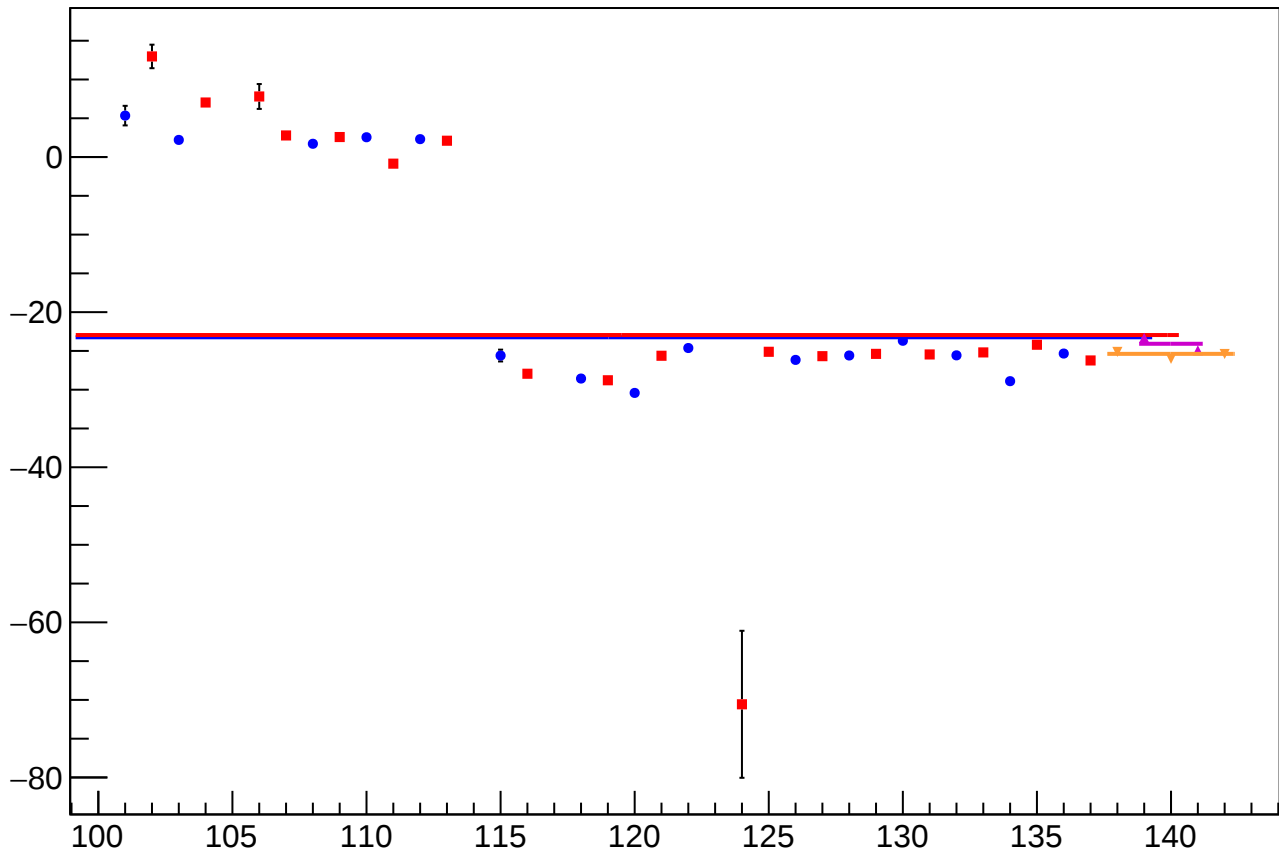
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.402 ± 0.006 $\chi^2/\text{NDF}: 4342.4/16$

Out: 0.741 ± 0.010 $\chi^2/\text{NDF}: 2820.4/20$

All: 0.481 ± 0.005 $\chi^2/\text{NDF}: 7982.9/37$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.378 ± 0.057 $\chi^2/\text{NDF}: 25.1/2$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -24.078 ± 0.061 $\chi^2/\text{NDF}: 171.6/1$

Left: -24.771 ± 0.042 $\chi^2/\text{NDF}: 438.6/4$

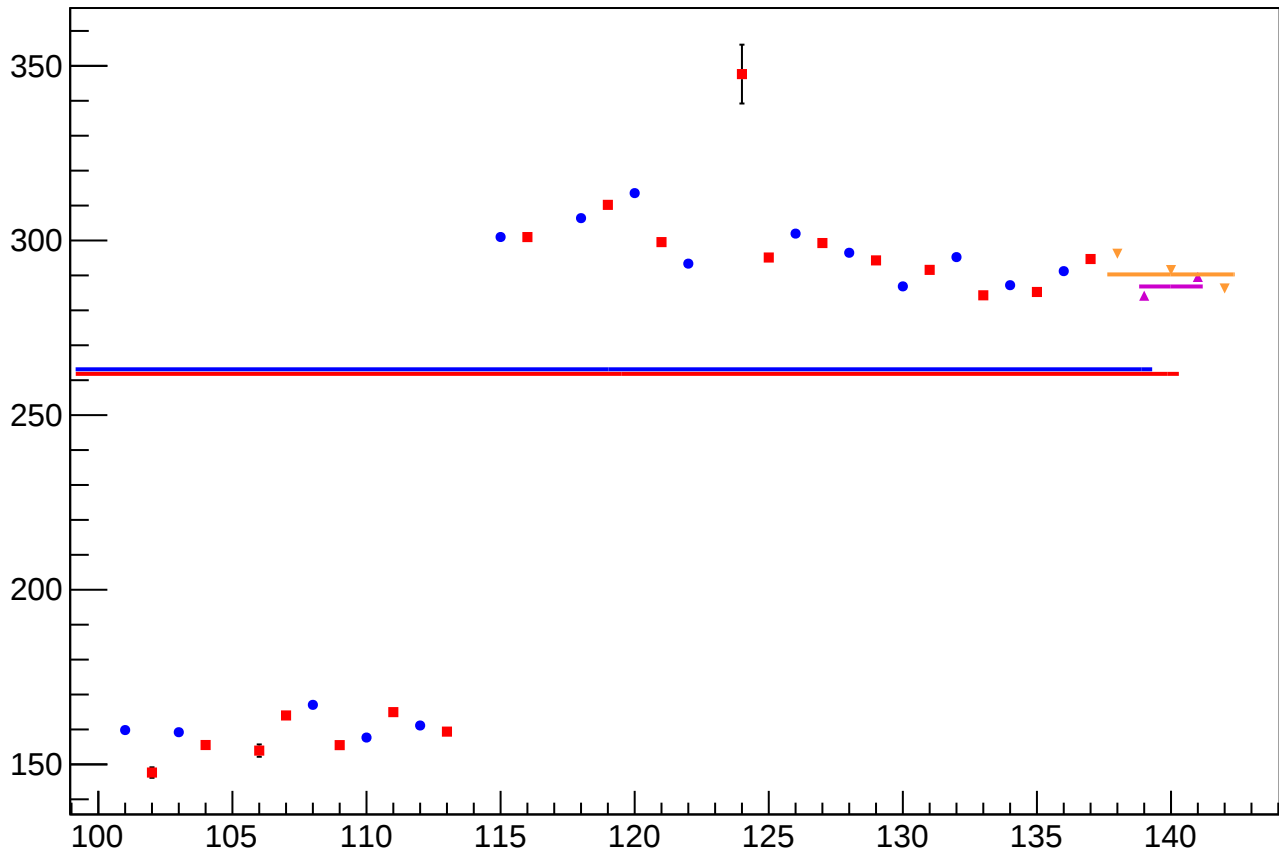
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.359 ± 0.023 $\chi^2/\text{NDF}: 103435.6/16$

Out: -23.332 ± 0.023 $\chi^2/\text{NDF}: 109583.9/20$

All: -23.346 ± 0.016 $\chi^2/\text{NDF}: 213020.2/37$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 290.285+/-0.126 χ^2/NDF :981.3/2

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 286.835+/-0.193 χ^2/NDF :192.9/1

Left: 289.261+/-0.105 χ^2/NDF : 1397.8/4

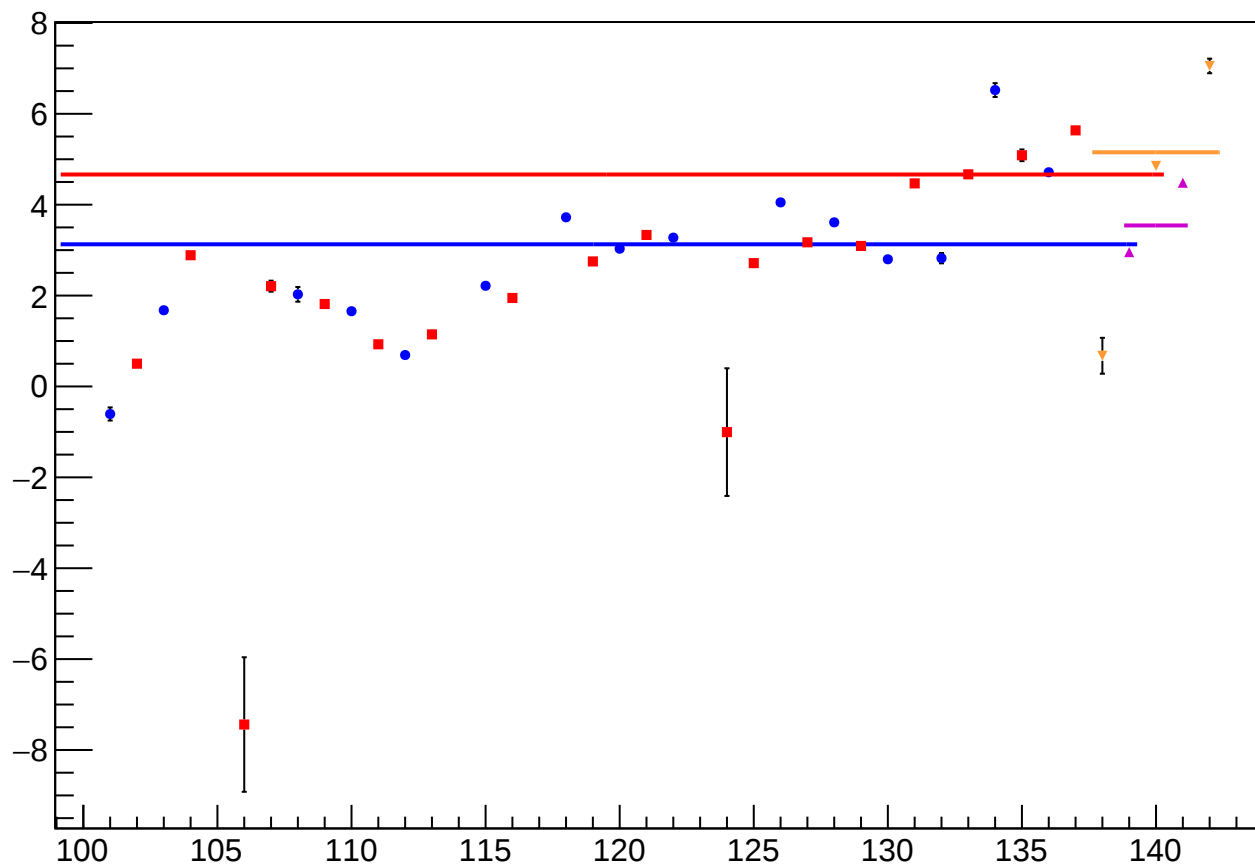
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.802+/-0.065 χ^2/NDF :706405.2/16

Out: 267.162+/-0.054 χ^2/NDF :1048851.2/20

All: 266.601+/-0.042 χ^2/NDF : 1755513.4/37

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.153 $\pm$ 0.071 χ^2 /NDF: 282.6/2

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.543 $\pm$ 0.030 χ^2 /NDF: 610.2/1

Left: 3.786 $\pm$ 0.028 χ^2 /NDF: 1325.0/4

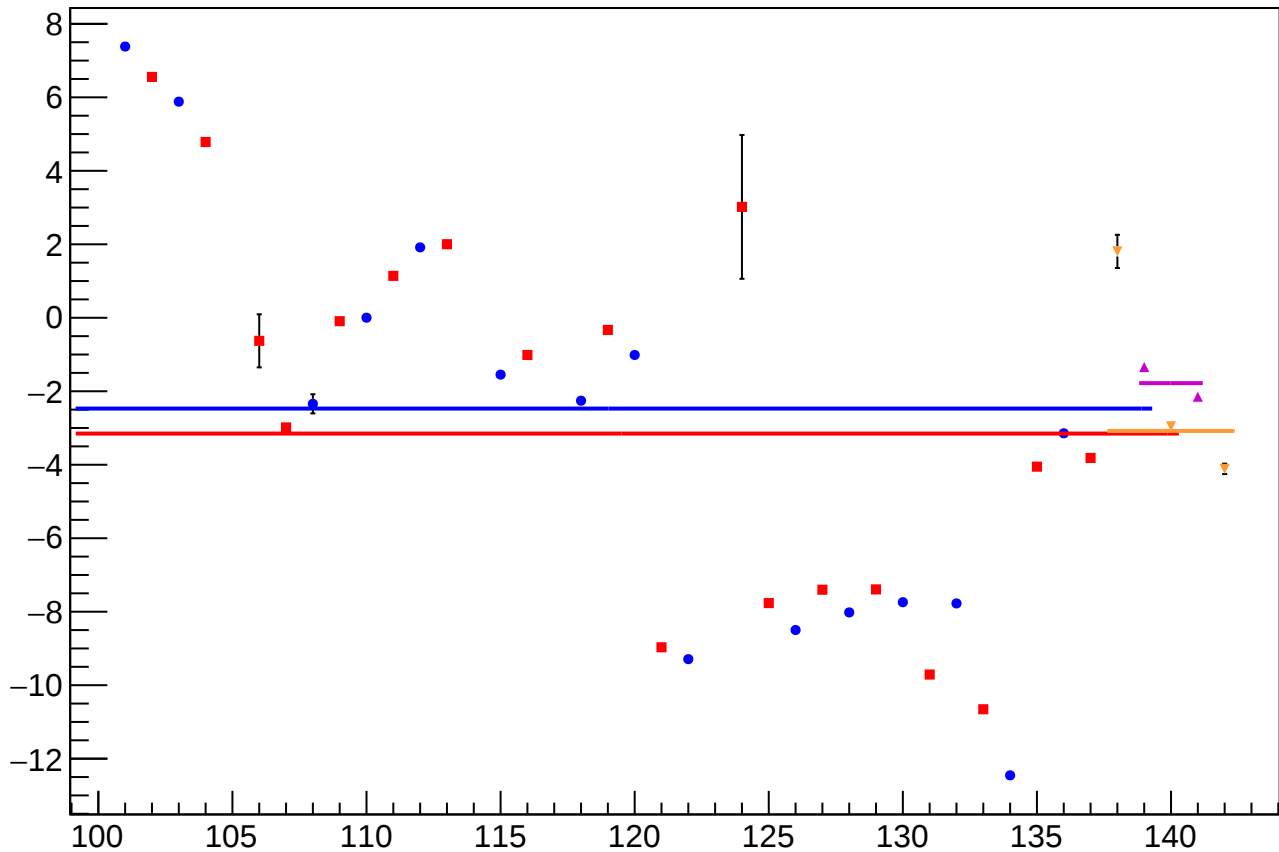
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.218 $\pm$ 0.014 χ^2 /NDF: 6427.2/16

Out: 4.668 $\pm$ 0.006 χ^2 /NDF: 67191.7/20

All: 4.421 $\pm$ 0.006 χ^2 /NDF: 82578.7/37

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -3.080 ± 0.061 $\chi^2/\text{NDF}: 173.7/2$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -1.779 ± 0.032 $\chi^2/\text{NDF}: 154.7/1$

Left: -2.067 ± 0.029 $\chi^2/\text{NDF}: 687.0/4$

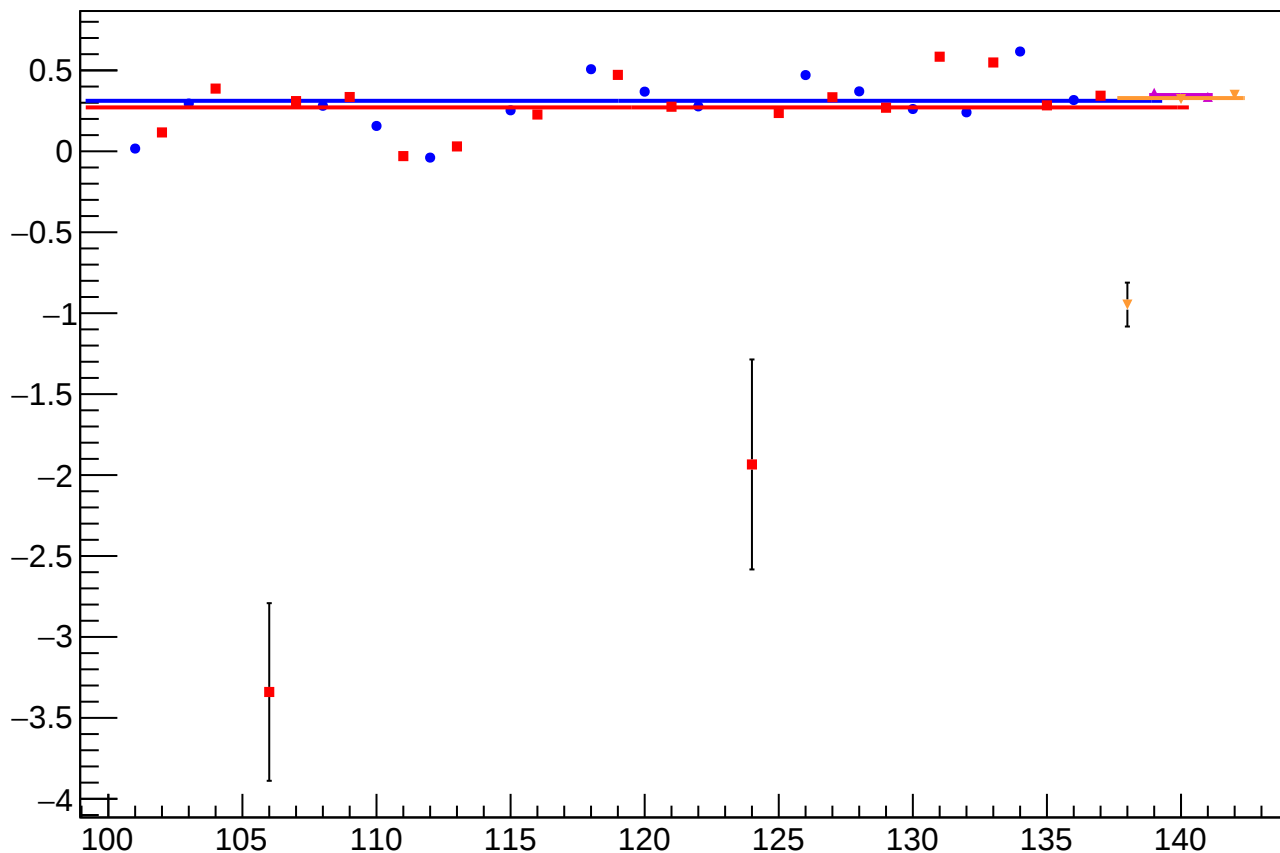
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.360 ± 0.013 $\chi^2/\text{NDF}: 243119.1/16$

Out: -3.150 ± 0.007 $\chi^2/\text{NDF}: 247602.8/20$

All: -2.956 ± 0.006 $\chi^2/\text{NDF}: 493535.2/37$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.329 ± 0.003 $\chi^2/\text{NDF}: 107.2/2$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.348 ± 0.004 $\chi^2/\text{NDF}: 10.5/1$

Left: 0.335 ± 0.002 $\chi^2/\text{NDF}: 133.8/4$

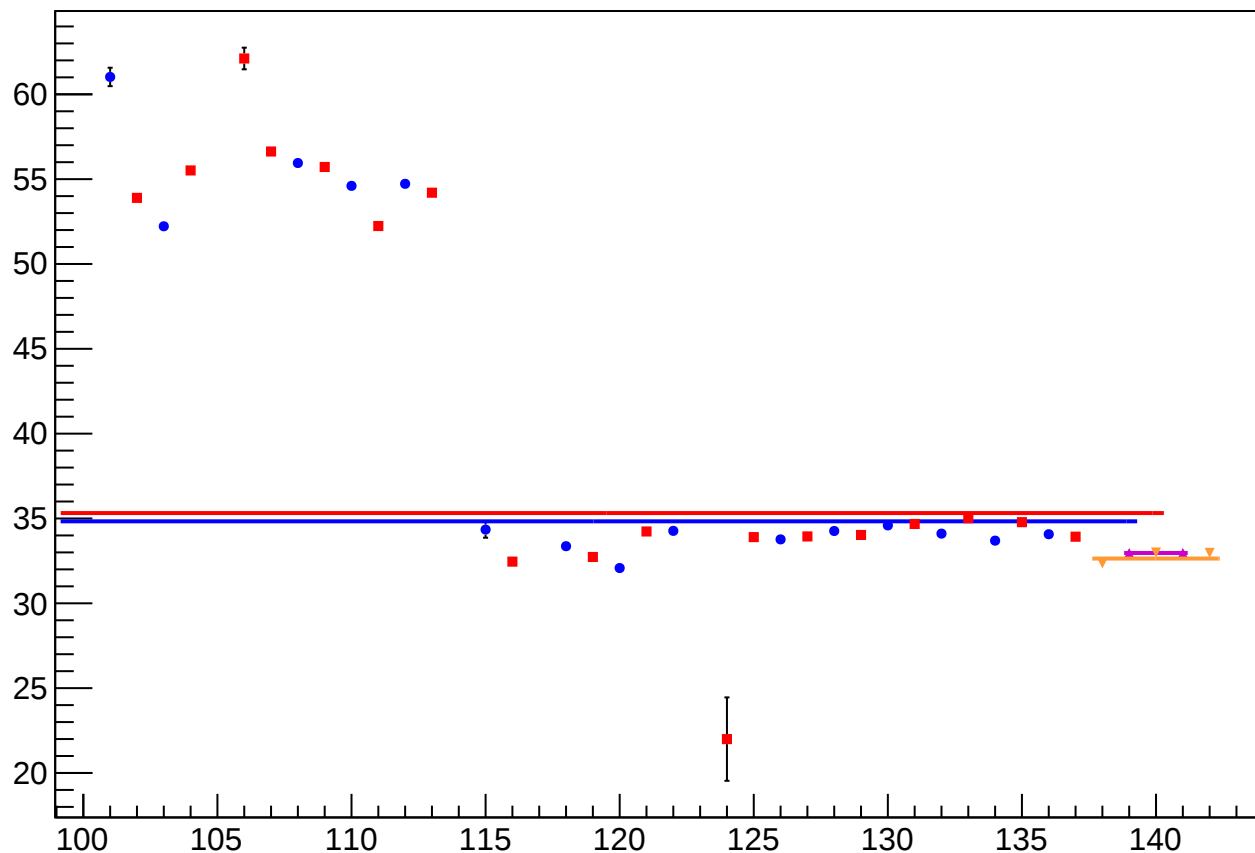
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.315 ± 0.001 $\chi^2/\text{NDF}: 1406.8/16$

Out: 0.293 ± 0.002 $\chi^2/\text{NDF}: 6538.4/20$

All: 0.308 ± 0.001 $\chi^2/\text{NDF}: 8060.8/37$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.638+/-0.020 χ^2/NDF :253.2/2

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.966+/-0.021 χ^2/NDF :0.0/1

Left: 32.790+/-0.014 χ^2/NDF : 382.5/4

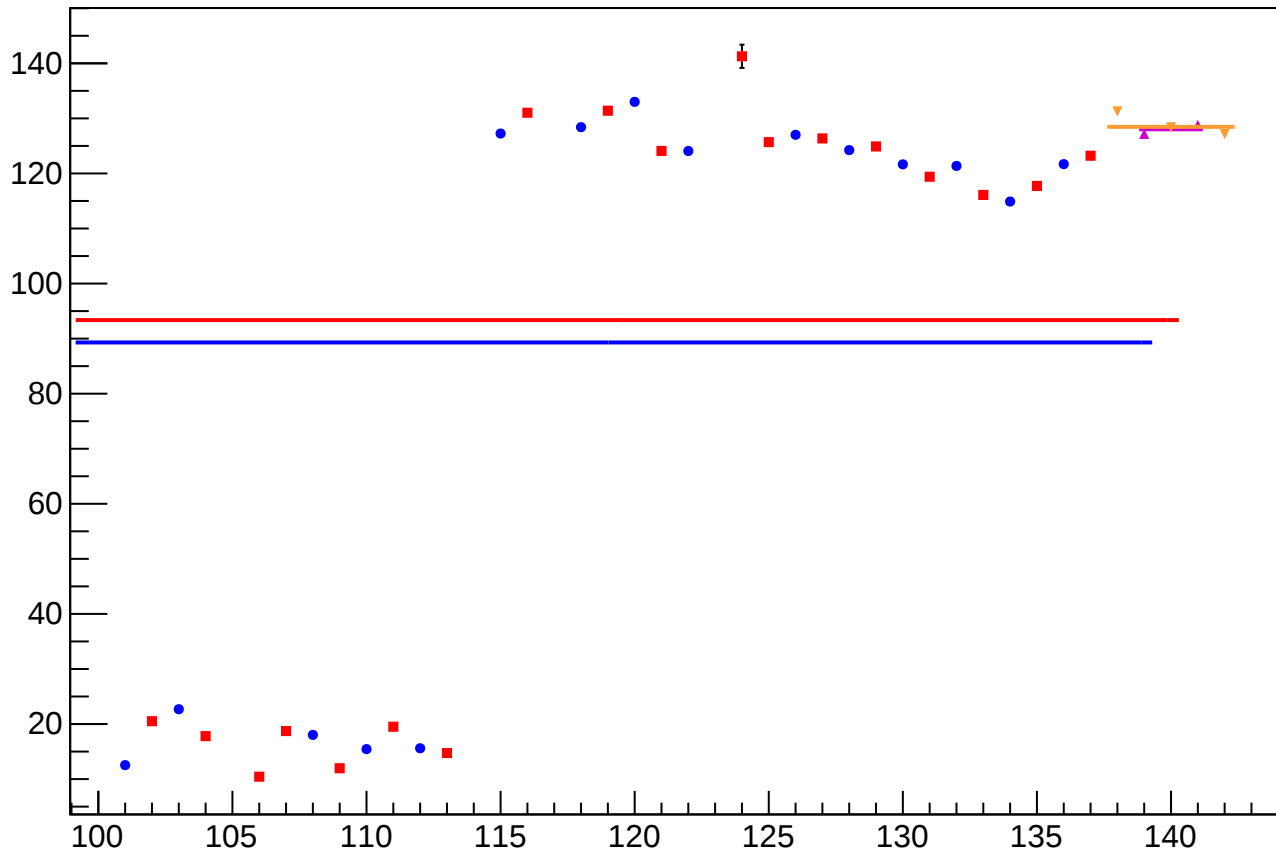
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.567+/-0.008 χ^2/NDF :252226.8/16

Out: 34.772+/-0.009 χ^2/NDF :276542.0/20

All: 34.659+/-0.006 χ^2/NDF : 529065.8/37

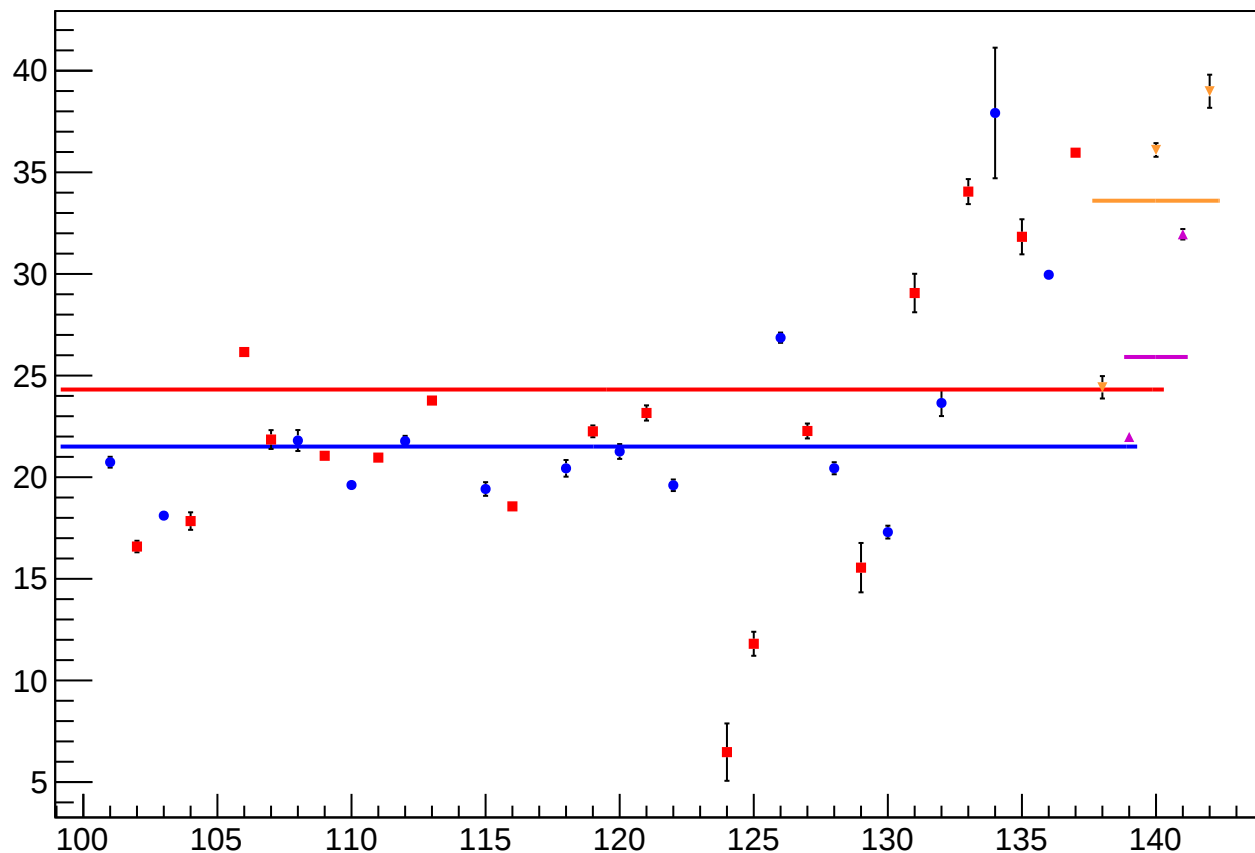
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 128.465 $\pm$ 0.050 χ^2 /NDF:1077.9/2
 Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17
 Left In: 128.020 $\pm$ 0.068 χ^2 /NDF:146.1/1

Left: 128.310 $\pm$ 0.040 χ^2 /NDF: 1252.3/4
 Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32
 In: 94.770 $\pm$ 0.025 χ^2 /NDF:3315841.3/16
 Out: 102.766 $\pm$ 0.026 χ^2 /NDF:3221549.2/20
 All: 98.738 $\pm$ 0.018 χ^2 /NDF: 6586463.4/37

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 33.604 $\pm$ 0.271 χ^2 /NDF:376.3/2

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 25.915 $\pm$ 0.162 χ^2 /NDF:910.7/1

Left: 27.934 $\pm$ 0.139 χ^2 /NDF: 1882.2/4

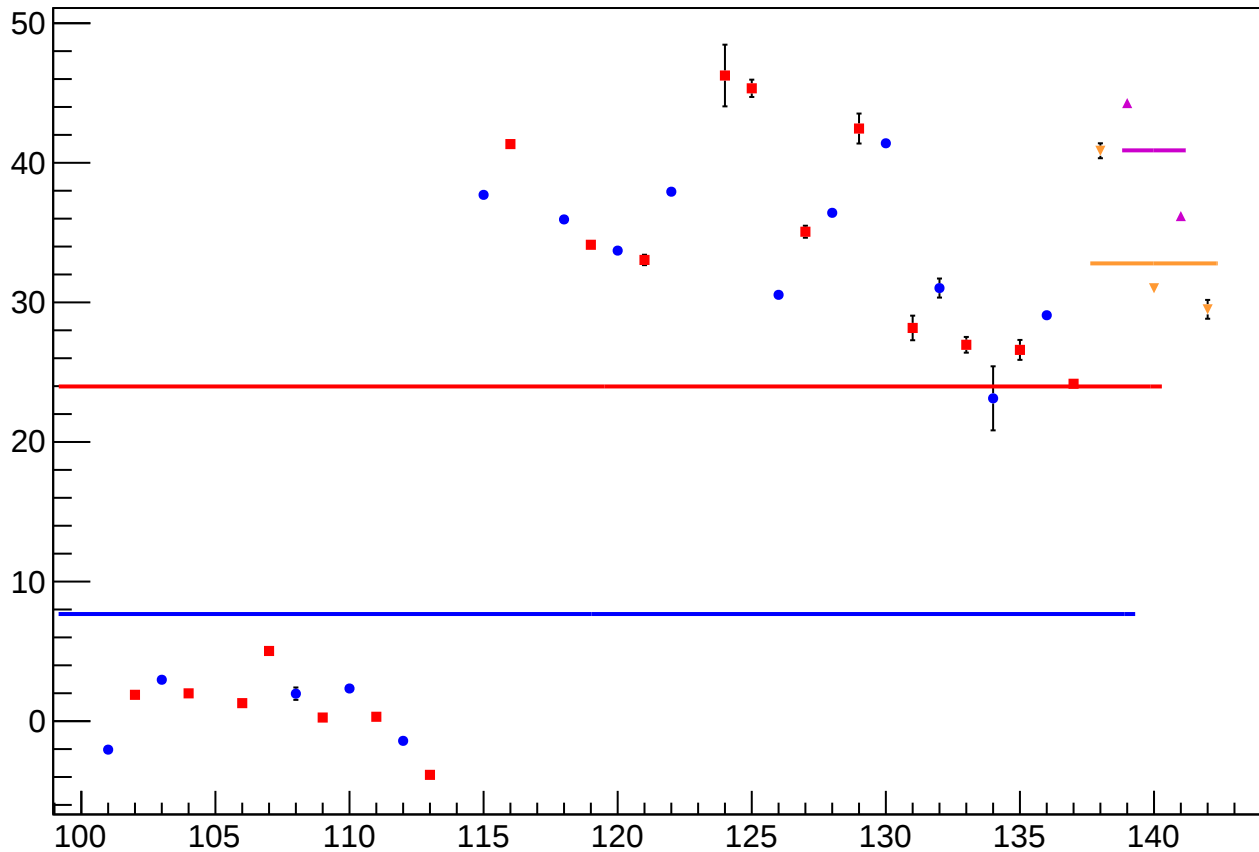
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.243 $\pm$ 0.066 χ^2 /NDF:4494.2/16

Out: 24.728 $\pm$ 0.057 χ^2 /NDF:15797.4/20

All: 23.663 $\pm$ 0.043 χ^2 /NDF: 21101.5/37

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 32.793 ± 0.239 $\chi^2/\text{NDF}: 288.2/2$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.891 ± 0.132 $\chi^2/\text{NDF}: 911.0/1$

Left: 38.997 ± 0.116 $\chi^2/\text{NDF}: 2075.4/4$

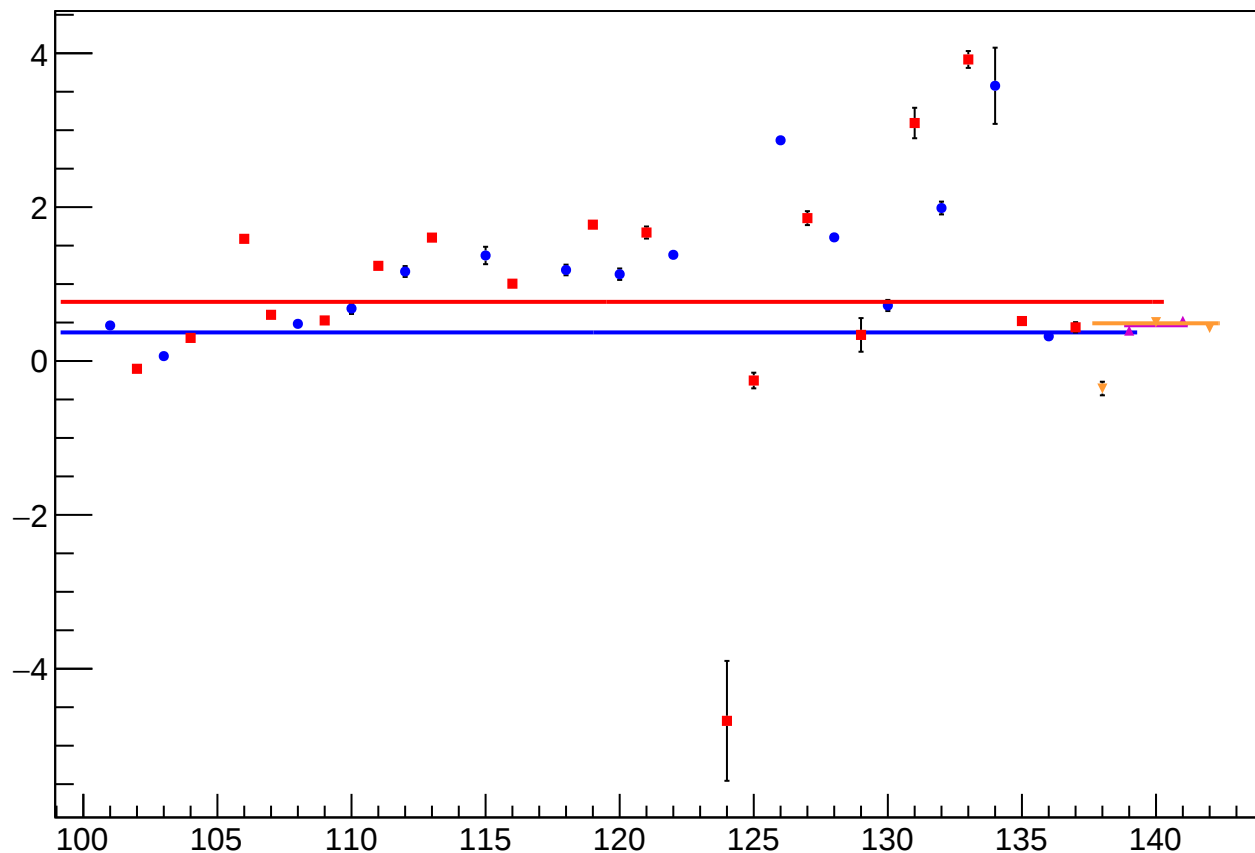
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 11.151 ± 0.043 $\chi^2/\text{NDF}: 153784.9/16$

Out: 23.988 ± 0.008 $\chi^2/\text{NDF}: 112205.8/20$

All: 23.536 ± 0.008 $\chi^2/\text{NDF}: 352761.4/37$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.490 ± 0.004 $\chi^2/\text{NDF}: 136.0/2$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.465 ± 0.003 $\chi^2/\text{NDF}: 363.7/1$

Left: 0.474 ± 0.003 $\chi^2/\text{NDF}: 522.2/4$

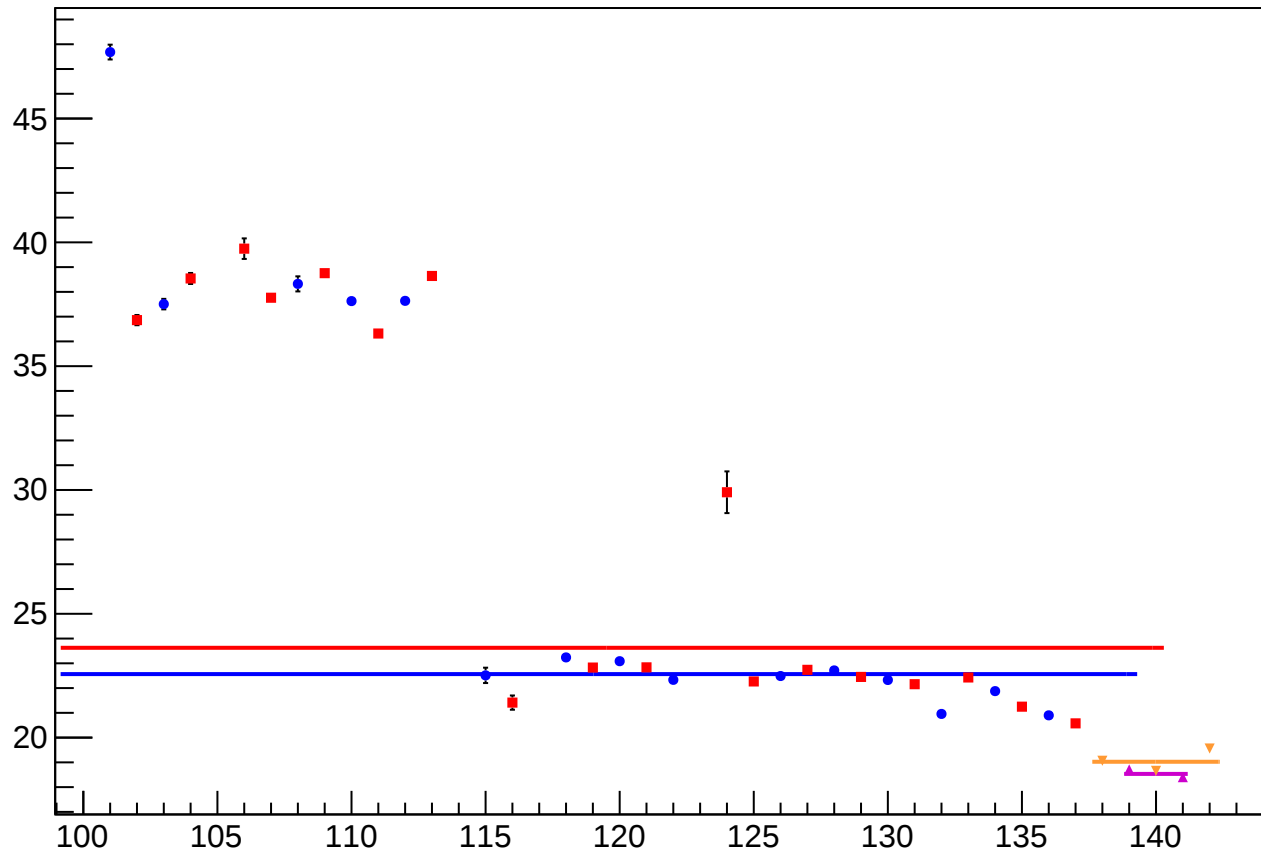
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.430 ± 0.003 $\chi^2/\text{NDF}: 5399.3/16$

Out: 0.567 ± 0.004 $\chi^2/\text{NDF}: 5441.6/20$

All: 0.478 ± 0.002 $\chi^2/\text{NDF}: 11764.8/37$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 19.024 $\pm$ 0.018 χ^2 /NDF: 456.2/2

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.534 $\pm$ 0.019 χ^2 /NDF: 64.1/1

Left: 18.791 $\pm$ 0.013 χ^2 /NDF: 859.0/4

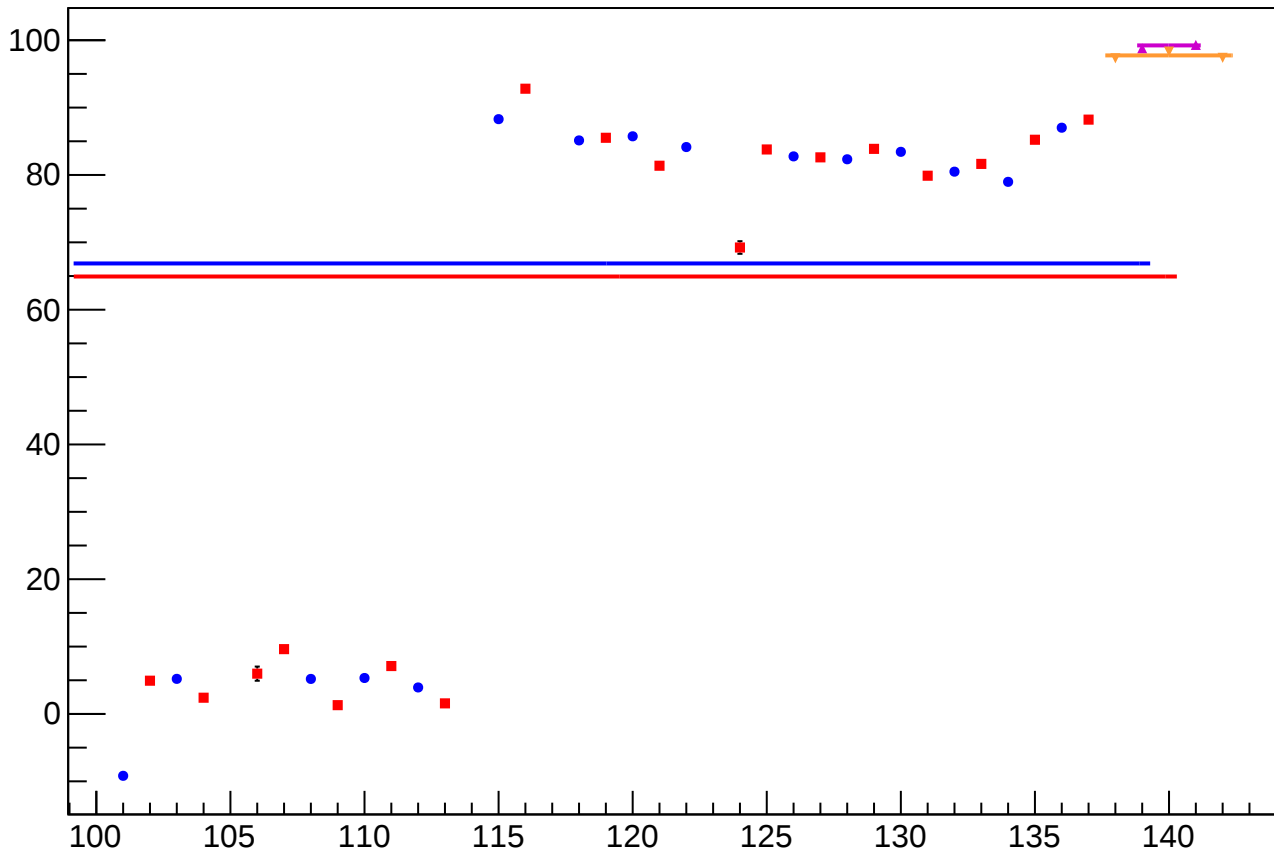
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.687 $\pm$ 0.009 χ^2 /NDF: 127095.6/16

Out: 22.379 $\pm$ 0.010 χ^2 /NDF: 169271.9/20

All: 22.011 $\pm$ 0.007 χ^2 /NDF: 299134.3/37

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 97.745+/-0.035 χ^2/NDF :184.4/2

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.229+/-0.033 χ^2/NDF :30.6/1

Left: 98.533+/-0.024 χ^2/NDF : 1182.1/4

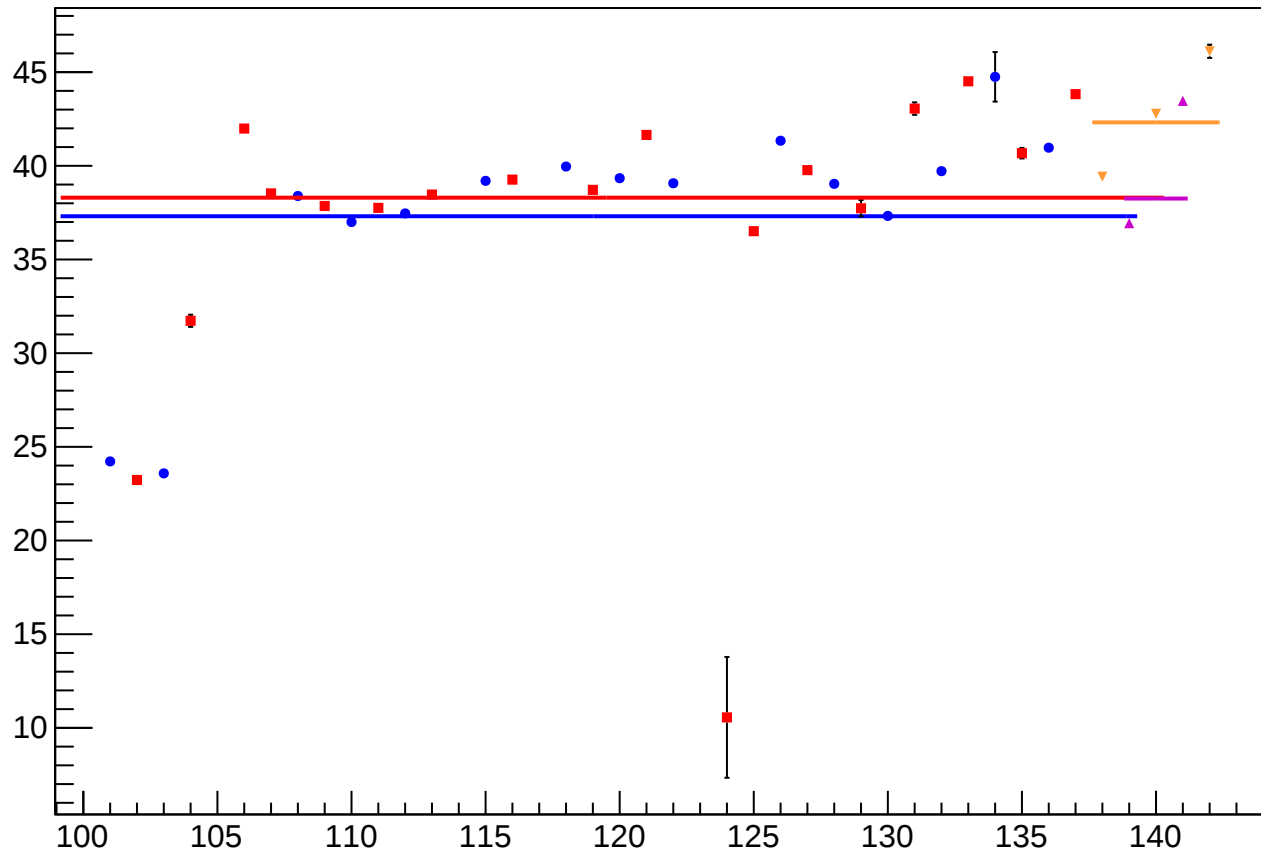
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.027+/-0.021 χ^2/NDF :2075892.1/16

Out: 78.788+/-0.023 χ^2/NDF :1849393.3/20

All: 79.457+/-0.015 χ^2/NDF : 3926910.4/37

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2/NDF : 59580.0/14

Left Out: 42.320 $\pm$ 0.119 χ^2/NDF : 271.6/2

Right Out: 38.300 $\pm$ 0.021 χ^2/NDF : 18840.0/17

Left In: 38.254 $\pm$ 0.062 χ^2/NDF : 1803.7/1

Left: 39.111 $\pm$ 0.055 χ^2/NDF : 2992.6/4

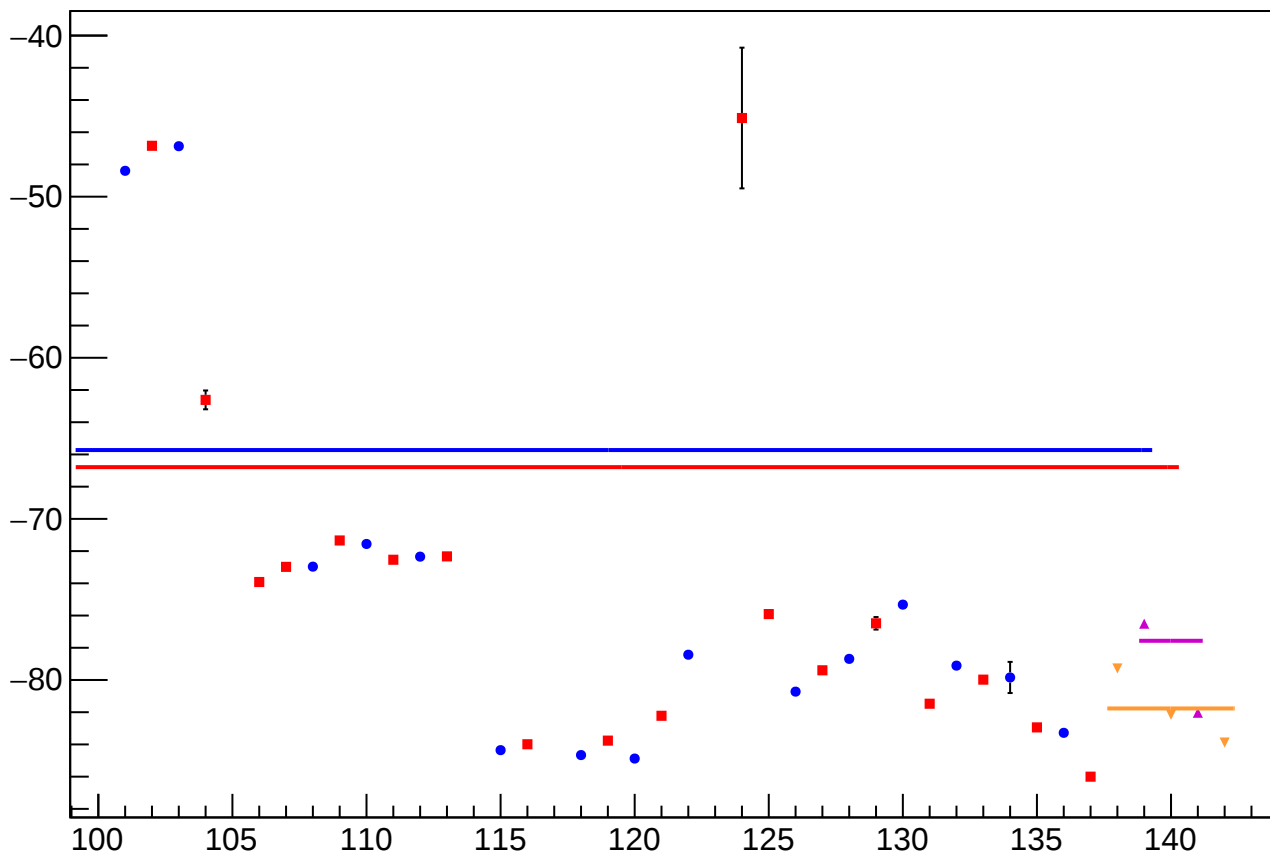
Right: 37.862 $\pm$ 0.015 χ^2/NDF : 79451.9/32

In: 37.424 $\pm$ 0.022 χ^2/NDF : 61590.0/16

Out: 38.415 $\pm$ 0.020 χ^2/NDF : 20215.3/20

All: 37.953 $\pm$ 0.015 χ^2/NDF : 82927.0/37

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.767 ± 0.100 $\chi^2/\text{NDF}: 192.1/2$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.566 ± 0.048 $\chi^2/\text{NDF}: 2026.5/1$

Left: -78.368 ± 0.044 $\chi^2/\text{NDF}: 3658.4/4$

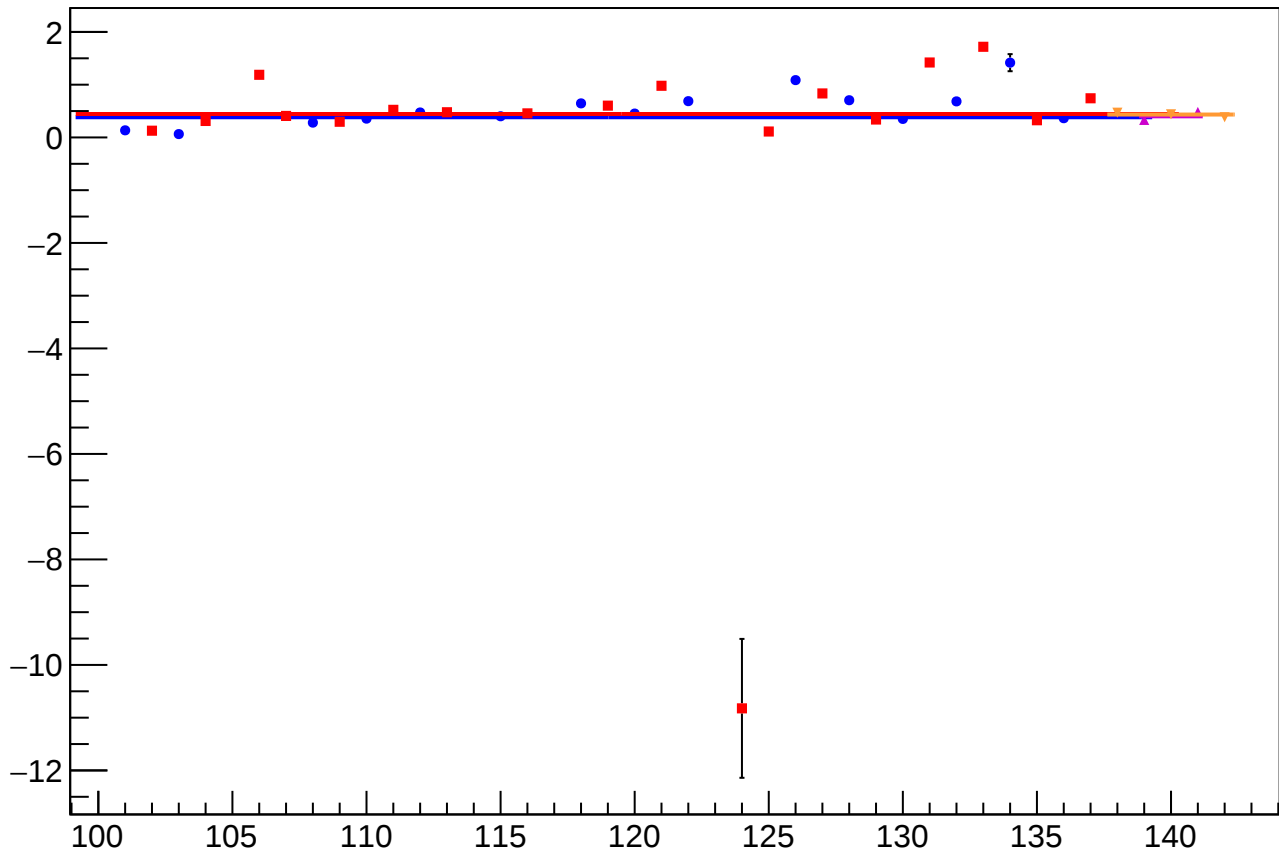
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.009 ± 0.016 $\chi^2/\text{NDF}: 958507.0/16$

Out: -67.156 ± 0.016 $\chi^2/\text{NDF}: 831622.6/20$

All: -67.084 ± 0.011 $\chi^2/\text{NDF}: 1790173.4/37$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.434+/-0.003 χ^2/NDF : 47.1/2

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.400+/-0.002 χ^2/NDF : 1799.8/1

Left: 0.411+/-0.001 χ^2/NDF : 1965.0/4

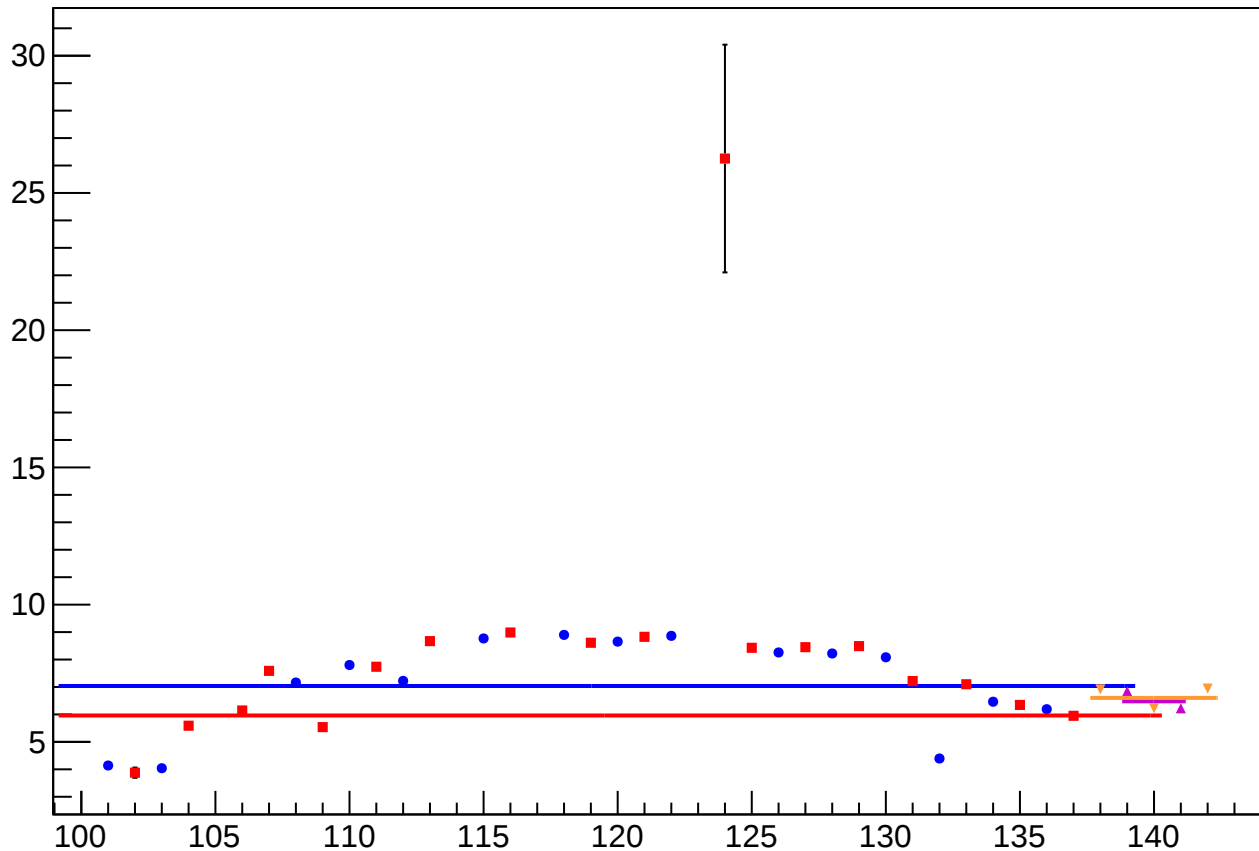
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.392+/-0.001 χ^2/NDF : 10018.4/16

Out: 0.437+/-0.002 χ^2/NDF : 2838.6/20

All: 0.404+/-0.001 χ^2/NDF : 13196.6/37

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.603+/-0.007 χ^2/NDF : 2557.8/2

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.478+/-0.006 χ^2/NDF : 2652.5/1

Left: 6.532+/-0.005 χ^2/NDF : 5397.0/4

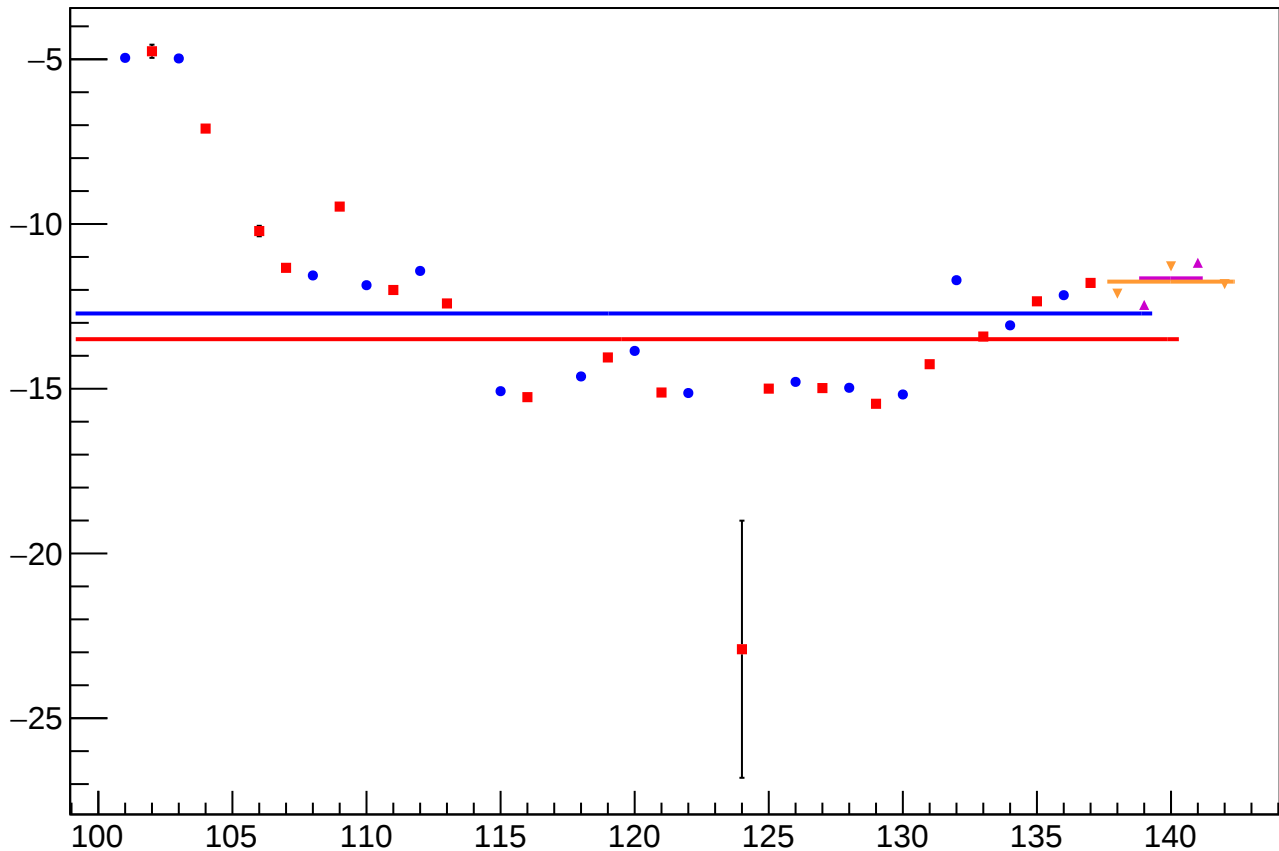
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.833+/-0.004 χ^2/NDF : 78110.4/16

Out: 5.964+/-0.000 χ^2/NDF : 179565.8/20

All: 5.975+/-0.000 χ^2/NDF : 315041.0/37

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.749 $\pm$ 0.008 χ^2 /NDF:2142.5/2

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.650 $\pm$ 0.011 χ^2 /NDF:3229.4/1

Left: -11.713 $\pm$ 0.007 χ^2 /NDF: 5424.6/4

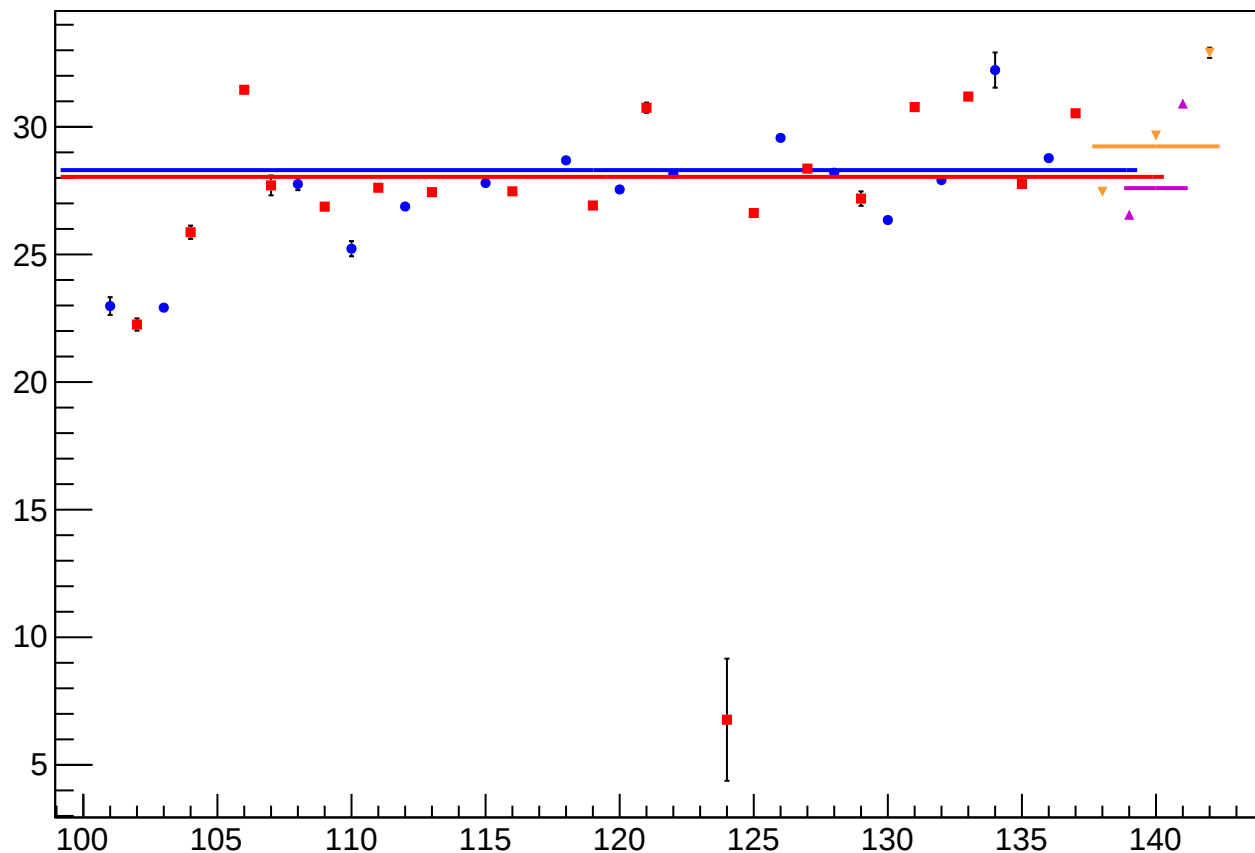
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.442 $\pm$ 0.006 χ^2 /NDF:95601.0/16

Out: -12.915 $\pm$ 0.005 χ^2 /NDF:87974.1/20

All: -12.713 $\pm$ 0.004 χ^2 /NDF: 187797.8/37

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.235 $\pm$ 0.075 χ^2 /NDF:573.2/2

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.598 $\pm$ 0.047 χ^2 /NDF:1584.7/1

Left: 28.053 $\pm$ 0.040 χ^2 /NDF: 2499.3/4

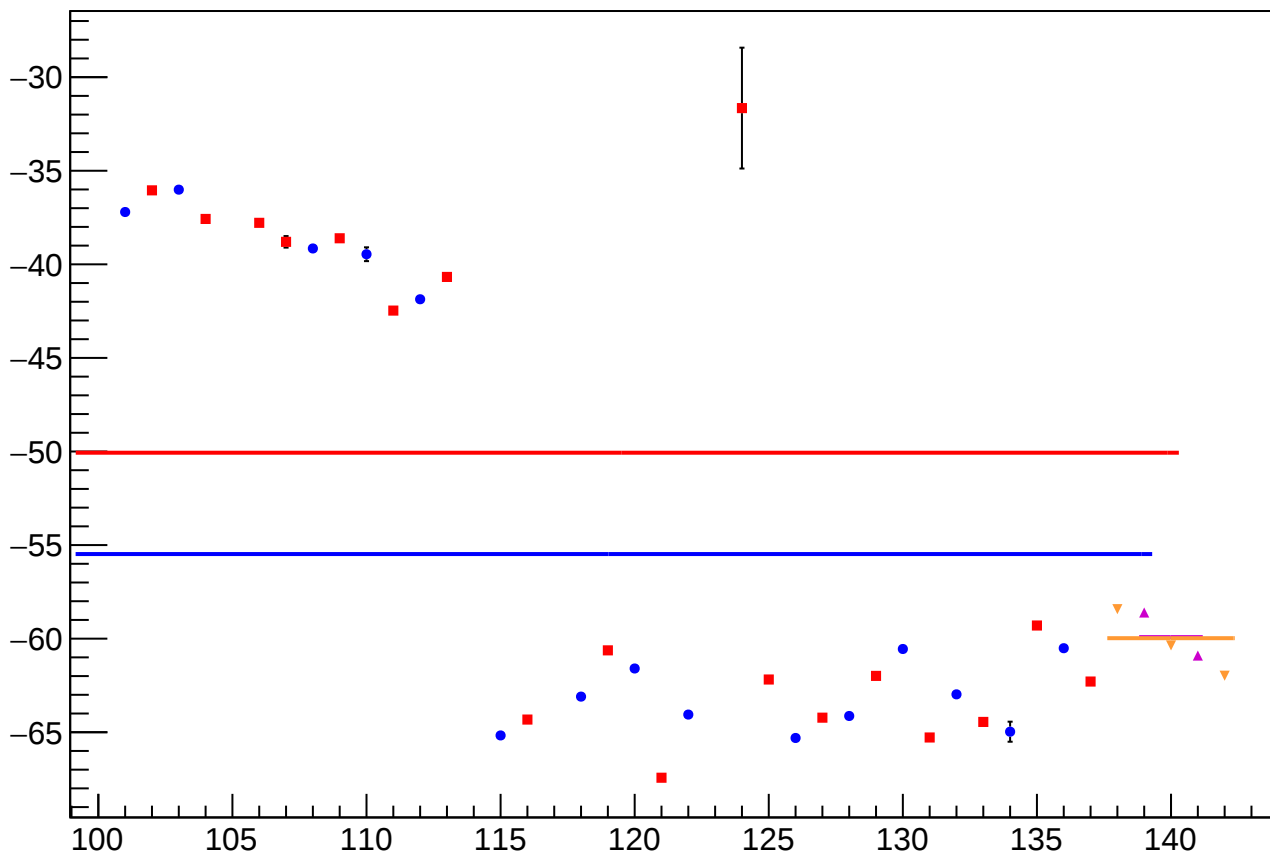
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.165 $\pm$ 0.021 χ^2 /NDF:5168.3/16

Out: 28.207 $\pm$ 0.028 χ^2 /NDF:3351.6/20

All: 28.180 $\pm$ 0.017 χ^2 /NDF: 8521.3/37

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -59.975 $\pm$ 0.064 χ^2 /NDF: 362.8/2

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -59.917 $\pm$ 0.058 χ^2 /NDF: 389.1/1

Left: -59.943 $\pm$ 0.043 χ^2 /NDF: 752.3/4

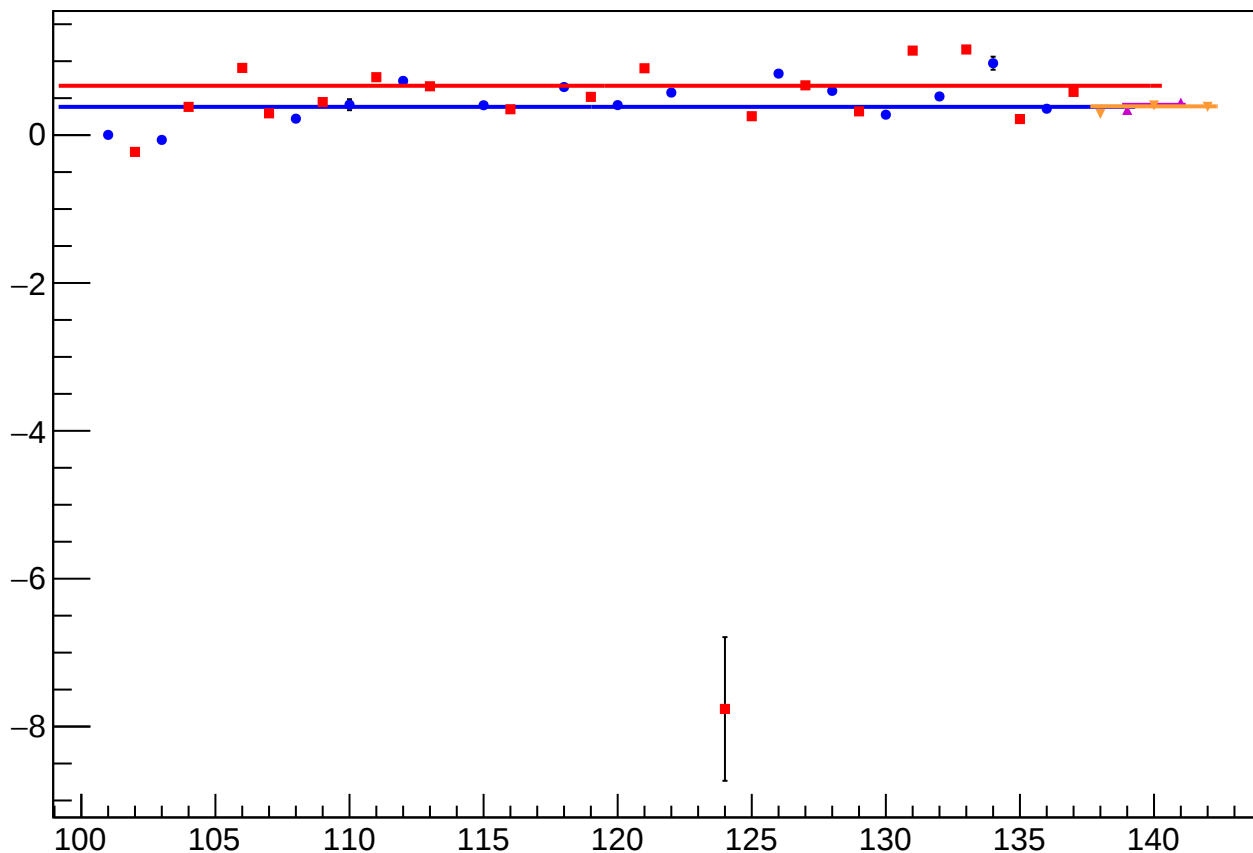
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -55.817 $\pm$ 0.016 χ^2 /NDF: 600988.3/16

Out: -51.202 $\pm$ 0.022 χ^2 /NDF: 361520.6/20

All: -54.208 $\pm$ 0.013 χ^2 /NDF: 991815.2/37

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.389 ± 0.002 $\chi^2/\text{NDF}: 169.1/2$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.410 ± 0.002 $\chi^2/\text{NDF}: 898.1/1$

Left: 0.404 ± 0.001 $\chi^2/\text{NDF}: 1120.7/4$

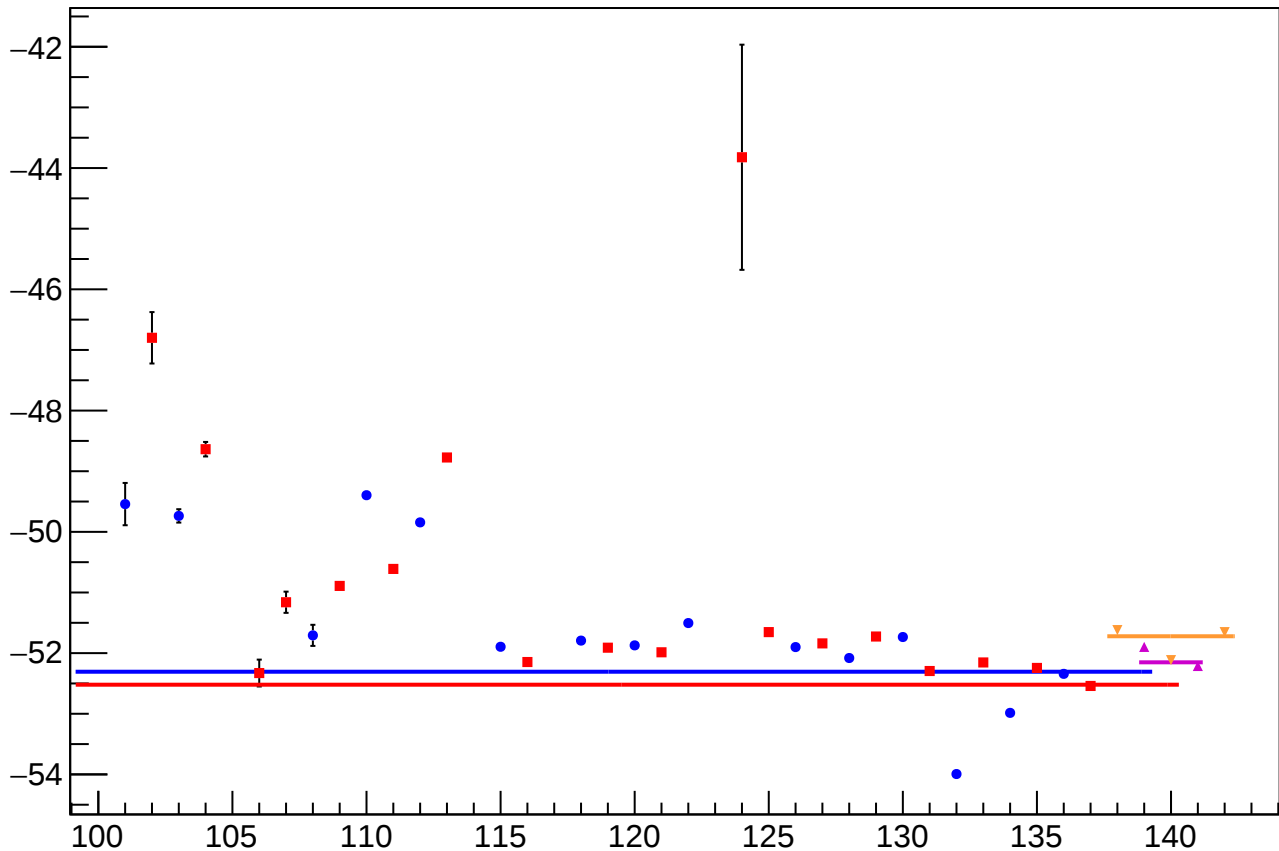
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 5649.2/16$

Out: 0.448 ± 0.002 $\chi^2/\text{NDF}: 6752.6/20$

All: 0.408 ± 0.001 $\chi^2/\text{NDF}: 12864.0/37$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -51.722+/-0.007 χ^2/NDF : 740.6/2

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -52.152+/-0.005 χ^2/NDF : 570.0/1

Left: -51.995+/-0.004 χ^2/NDF : 3802.5/4

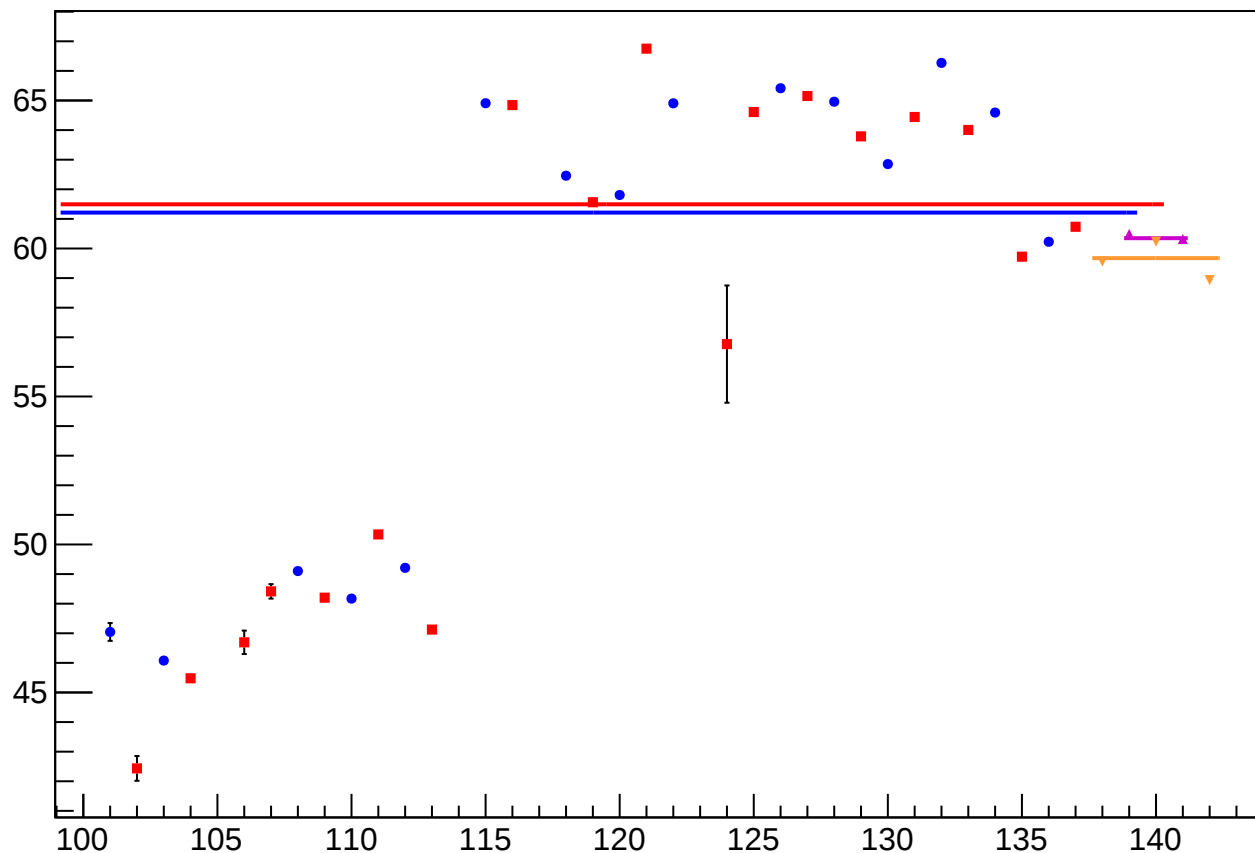
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -52.251+/-0.003 χ^2/NDF : 26569.6/16

Out: -52.501+/-0.001 χ^2/NDF : 28899.0/20

All: -52.473+/-0.001 χ^2/NDF : 61203.9/37

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213+/-0.010 χ^2/NDF : 156624.5/14

Left Out: 59.674+/-0.012 χ^2/NDF : 1716.6/2

Right Out: 61.493+/-0.007 χ^2/NDF : 243479.8/17

Left In: 60.348+/-0.024 χ^2/NDF : 6.6/1

Left: 59.810+/-0.011 χ^2/NDF : 2331.0/4

Right: 61.405+/-0.006 χ^2/NDF : 400649.5/32

In: 61.090+/-0.009 χ^2/NDF : 157706.1/16

Out: 61.073+/-0.006 χ^2/NDF : 262120.0/20

All: 61.078+/-0.005 χ^2/NDF : 419828.7/37

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

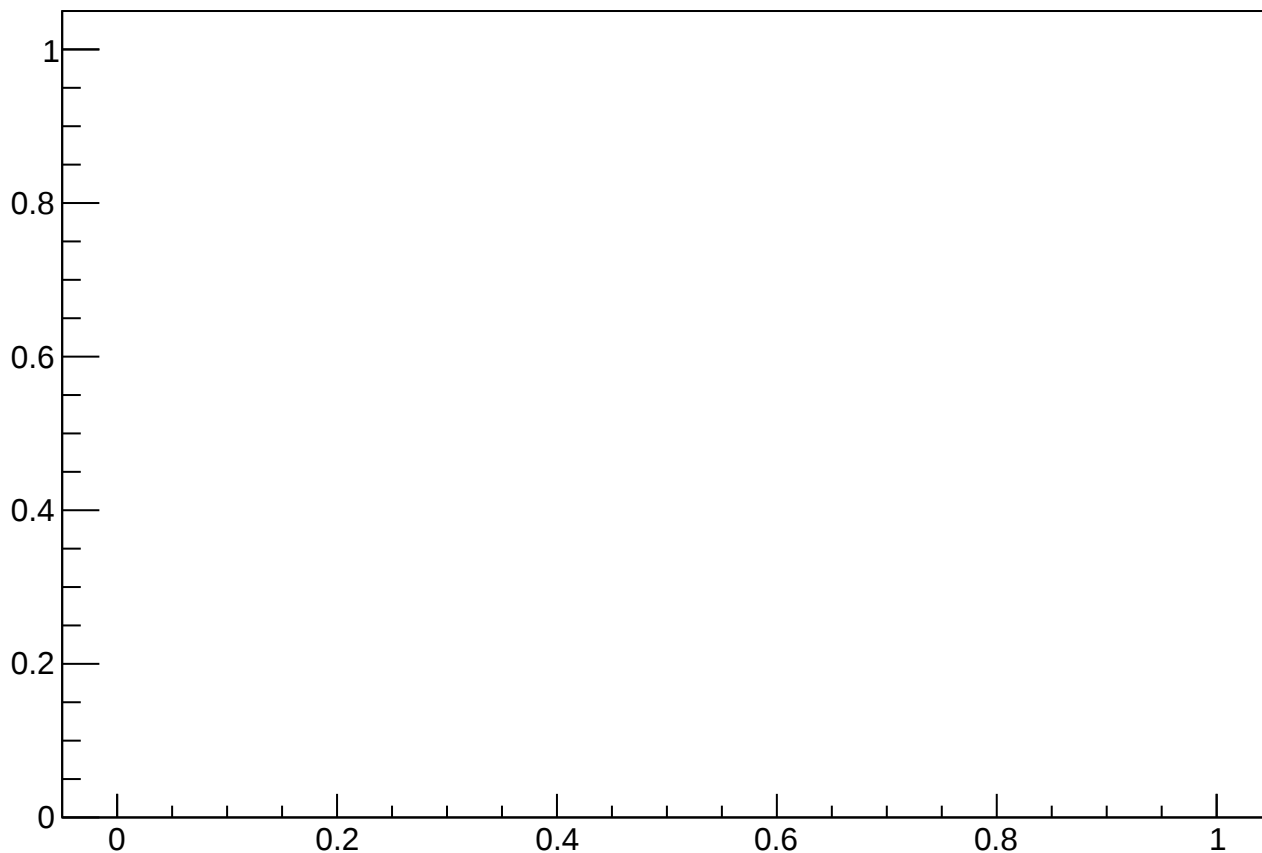
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

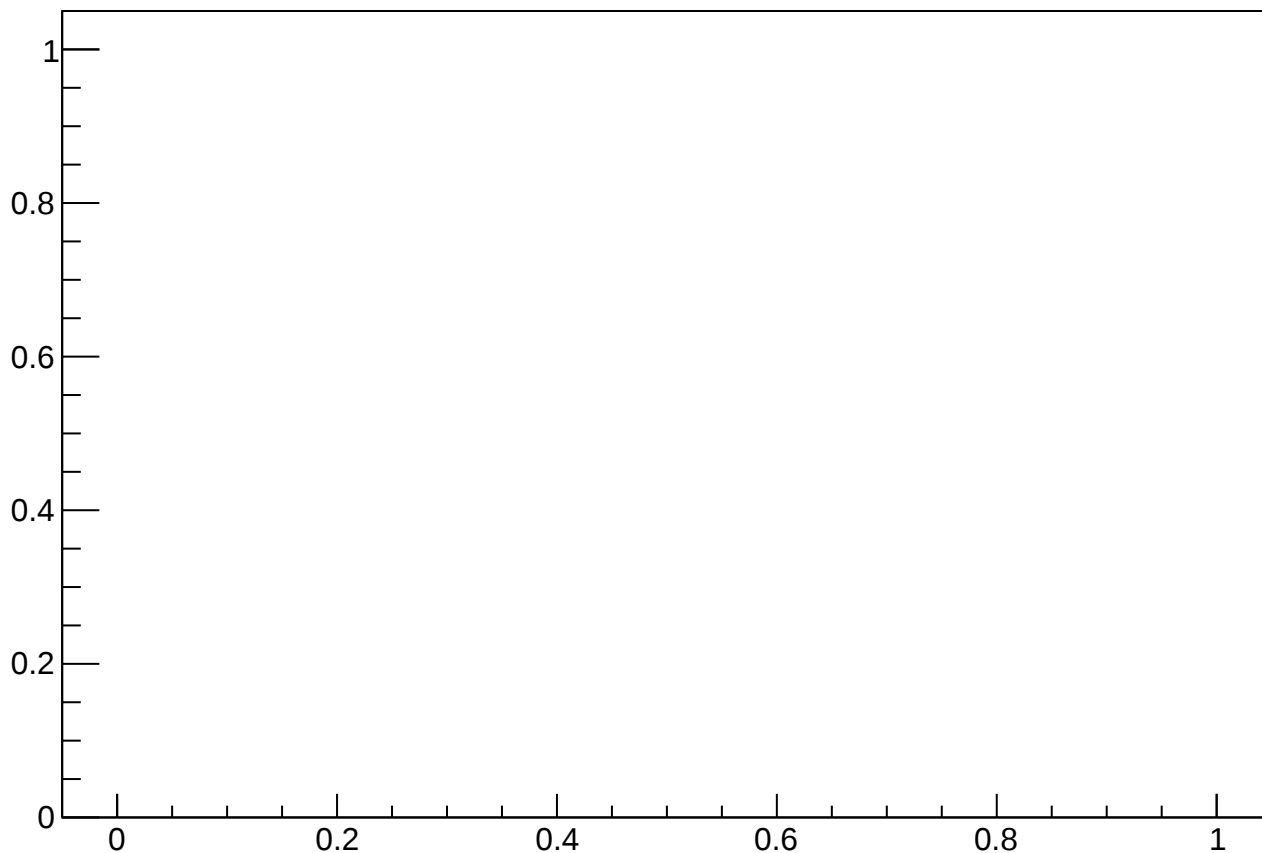
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

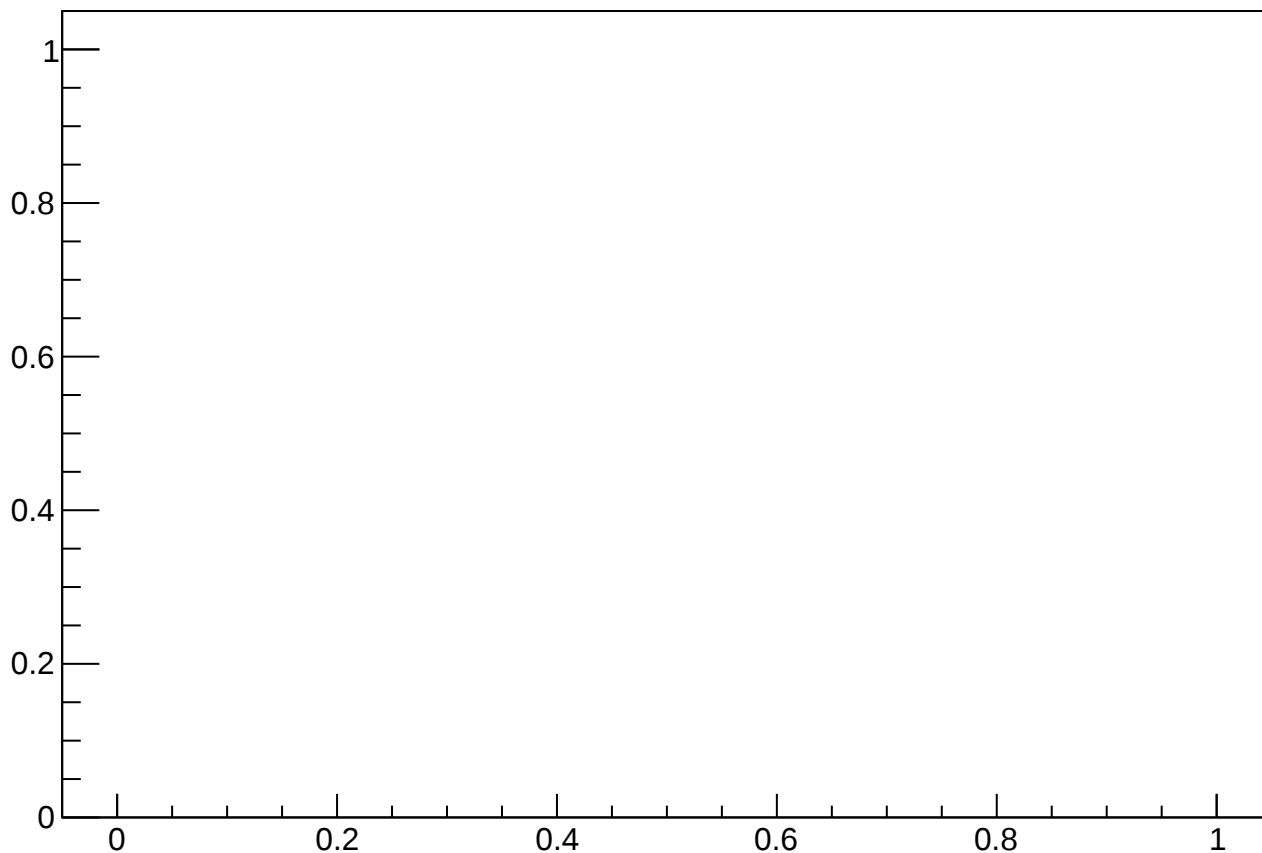
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

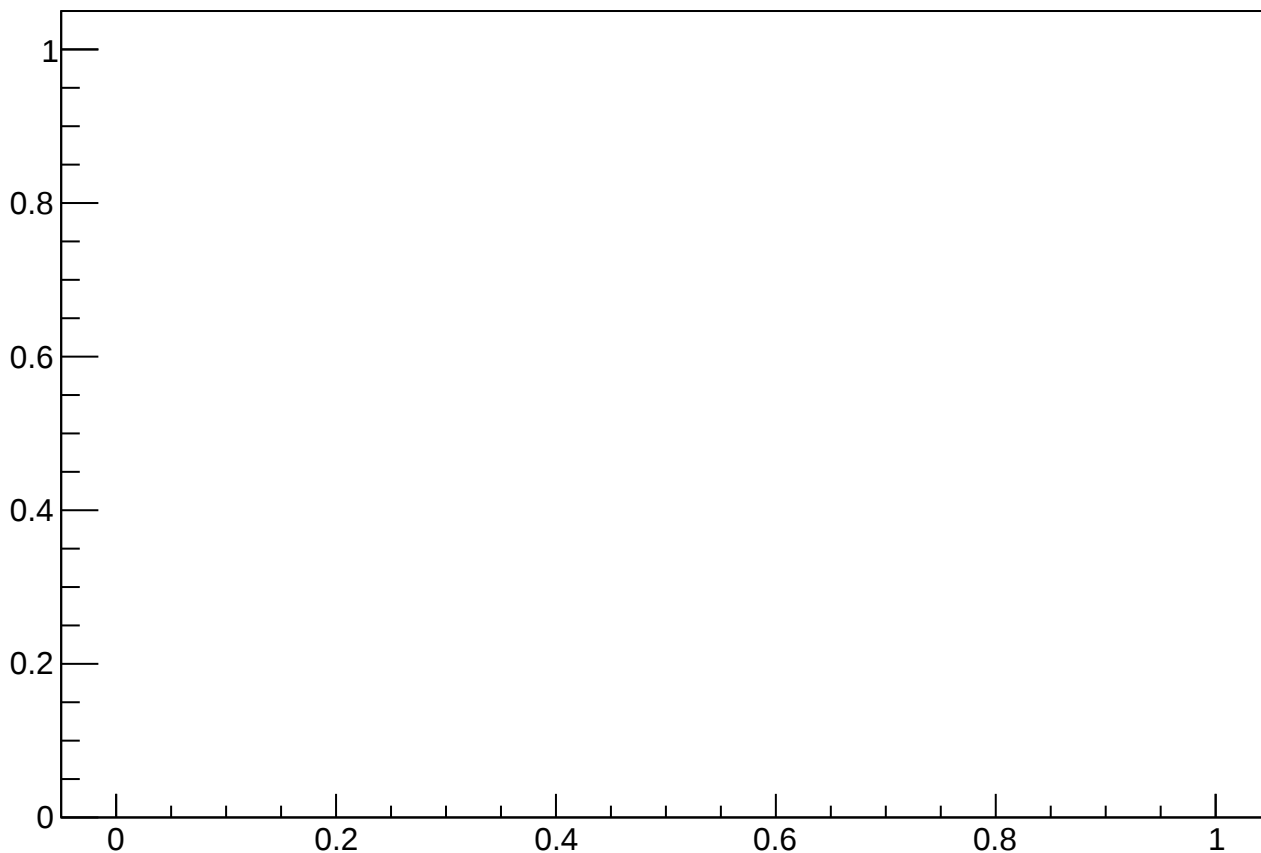
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

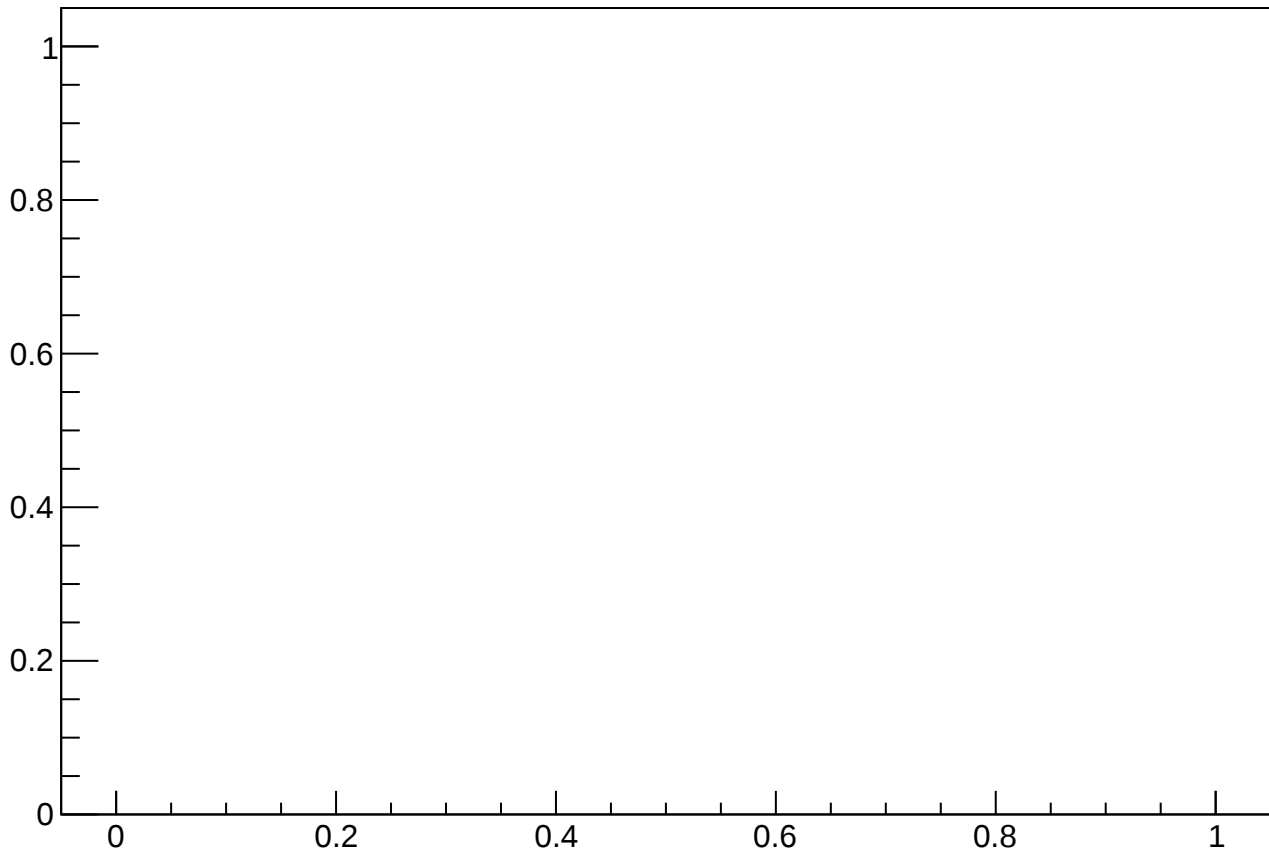
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

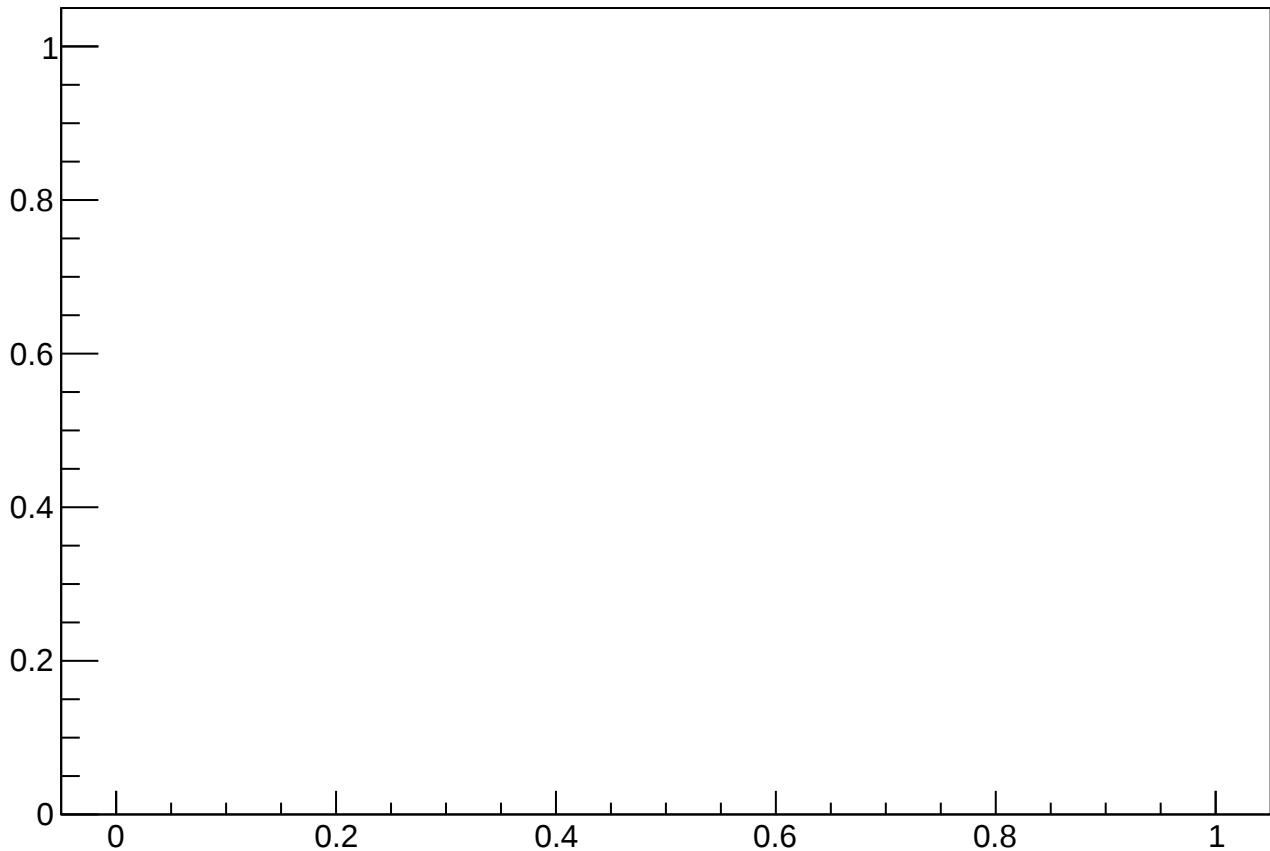
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

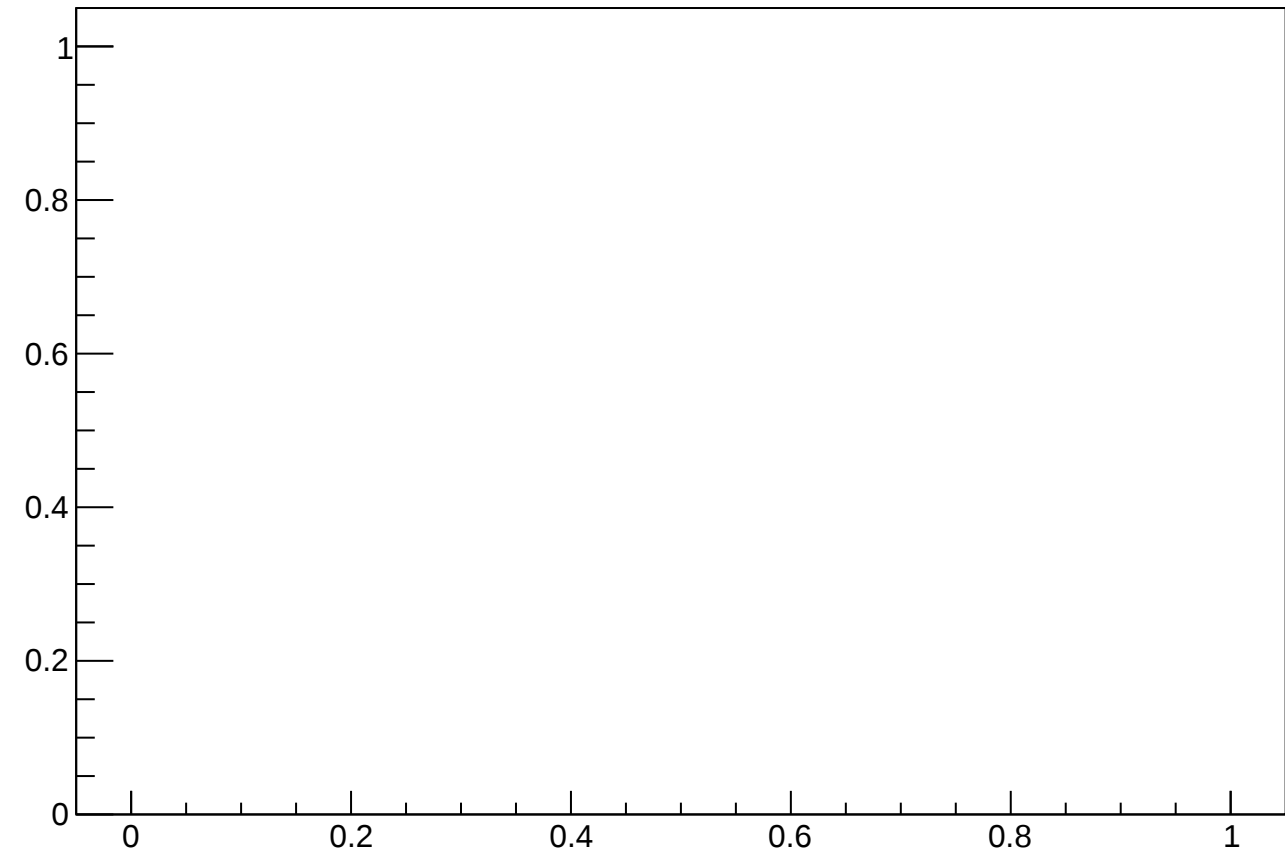
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

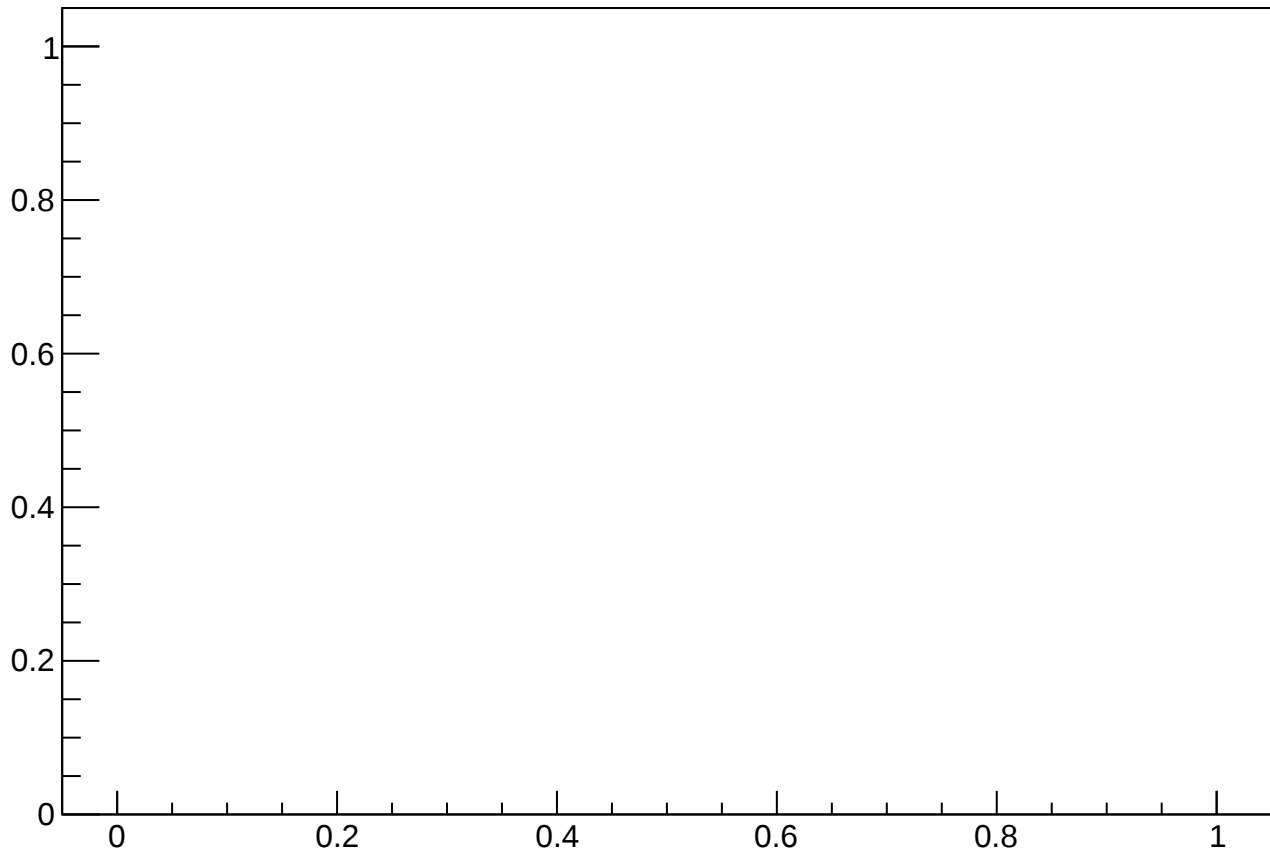
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

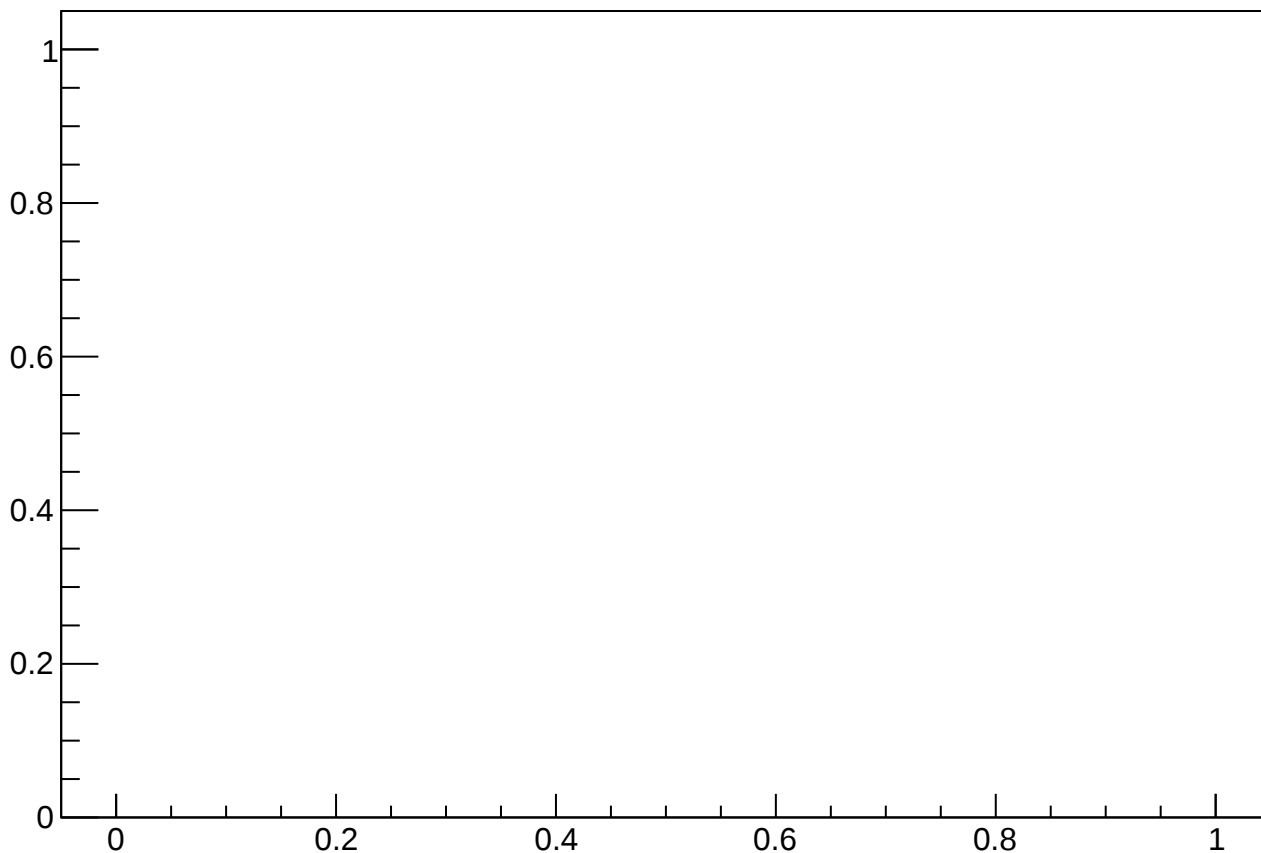
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

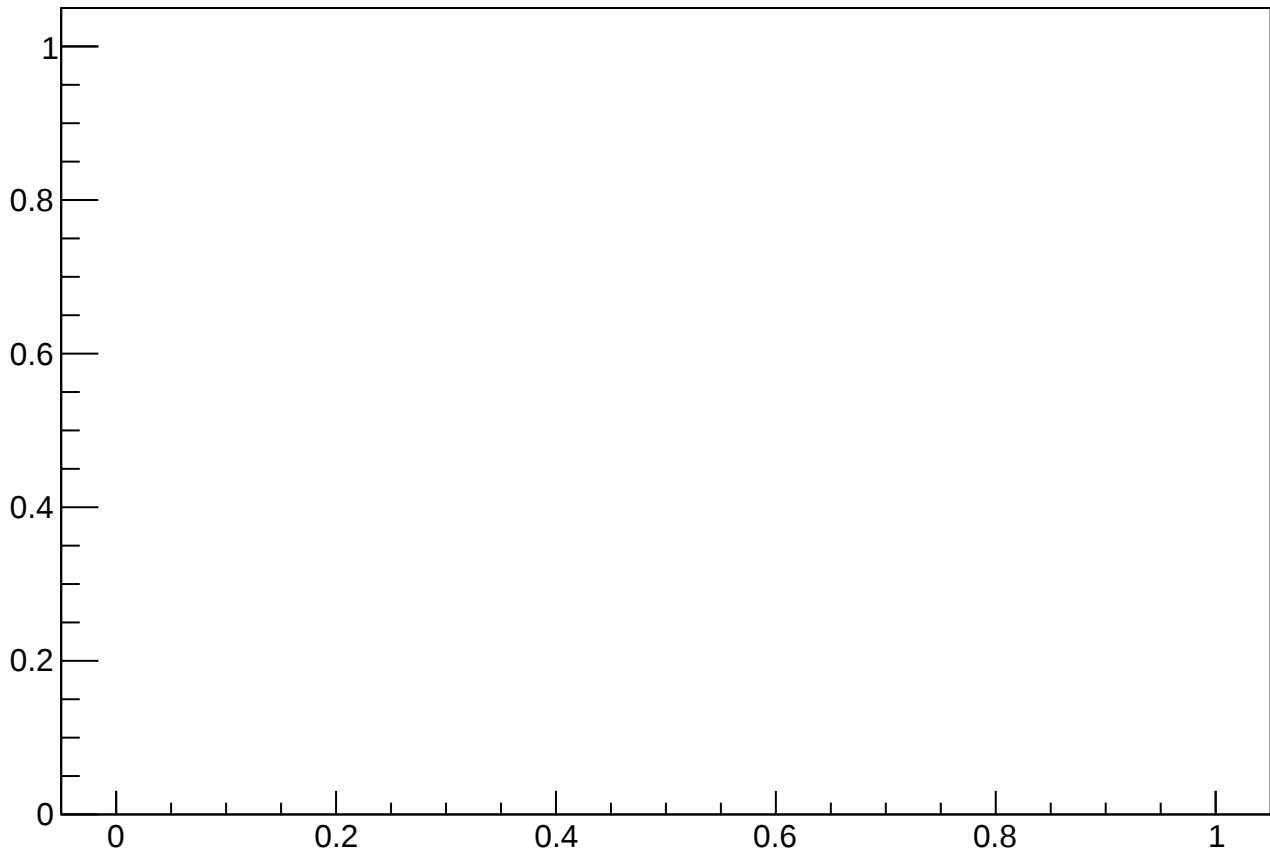
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

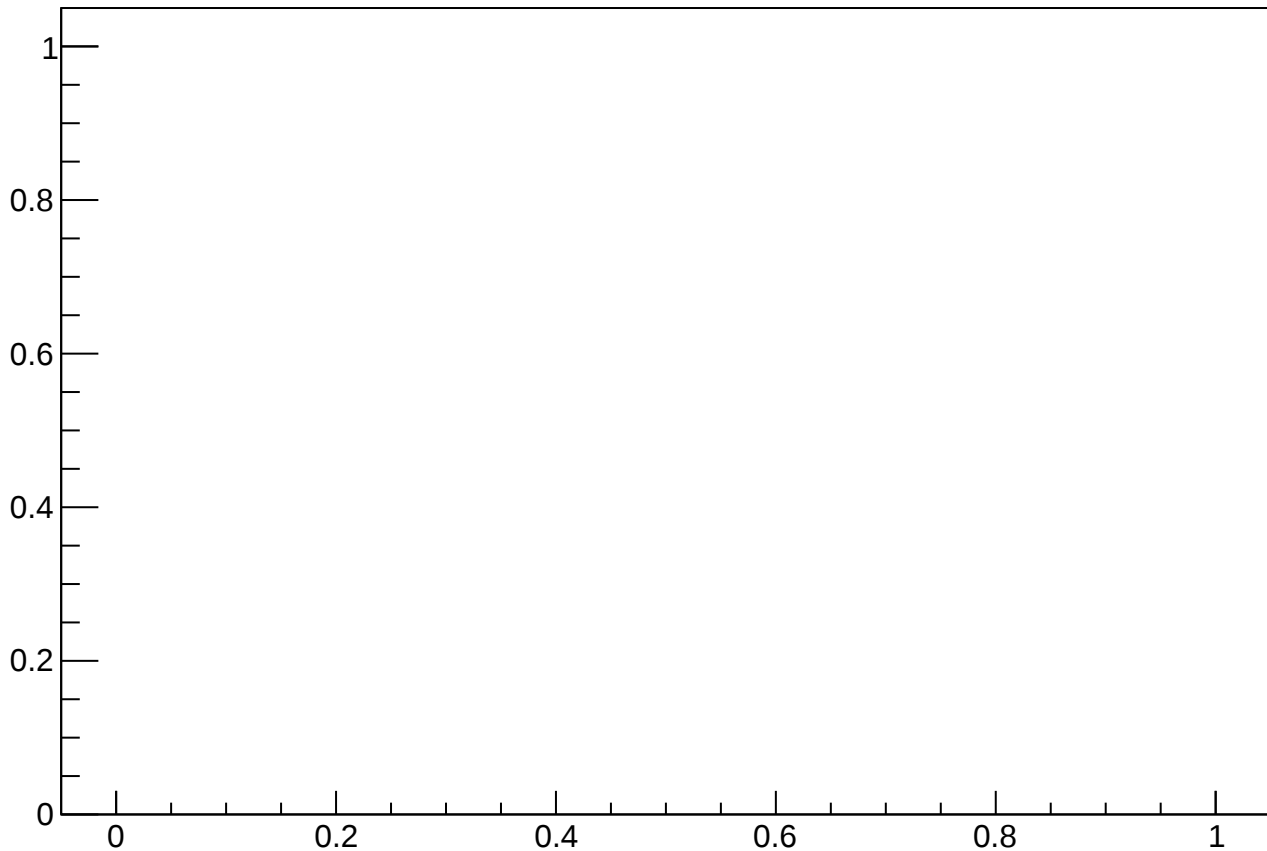
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

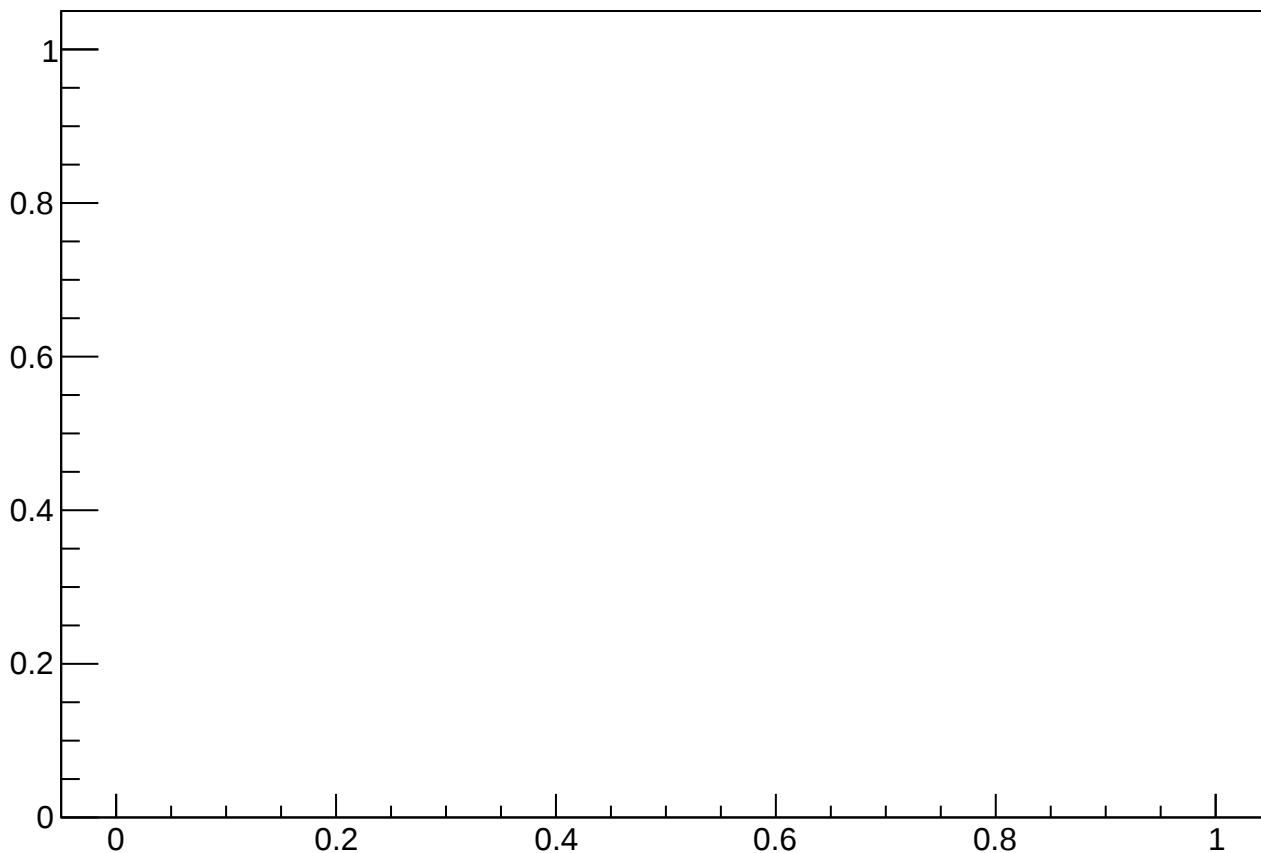
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

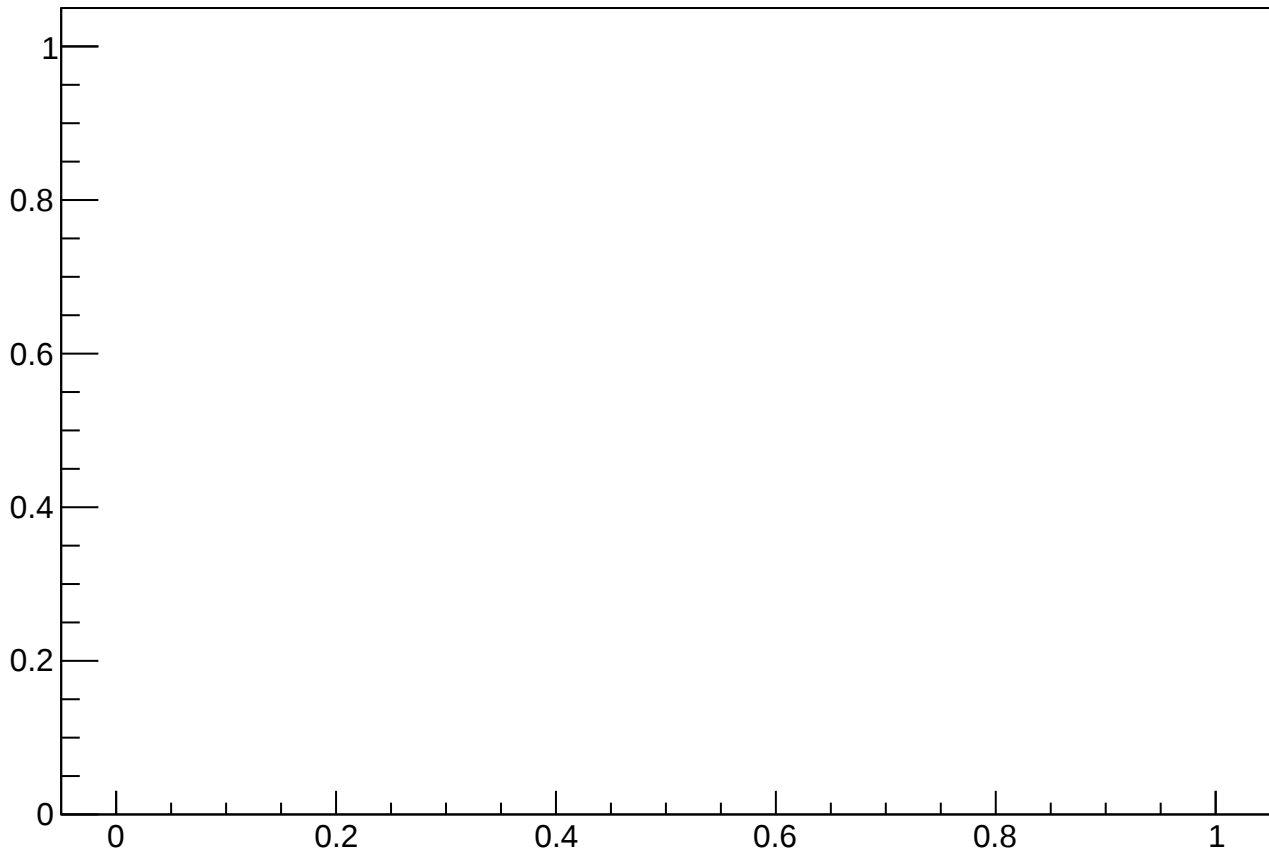
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

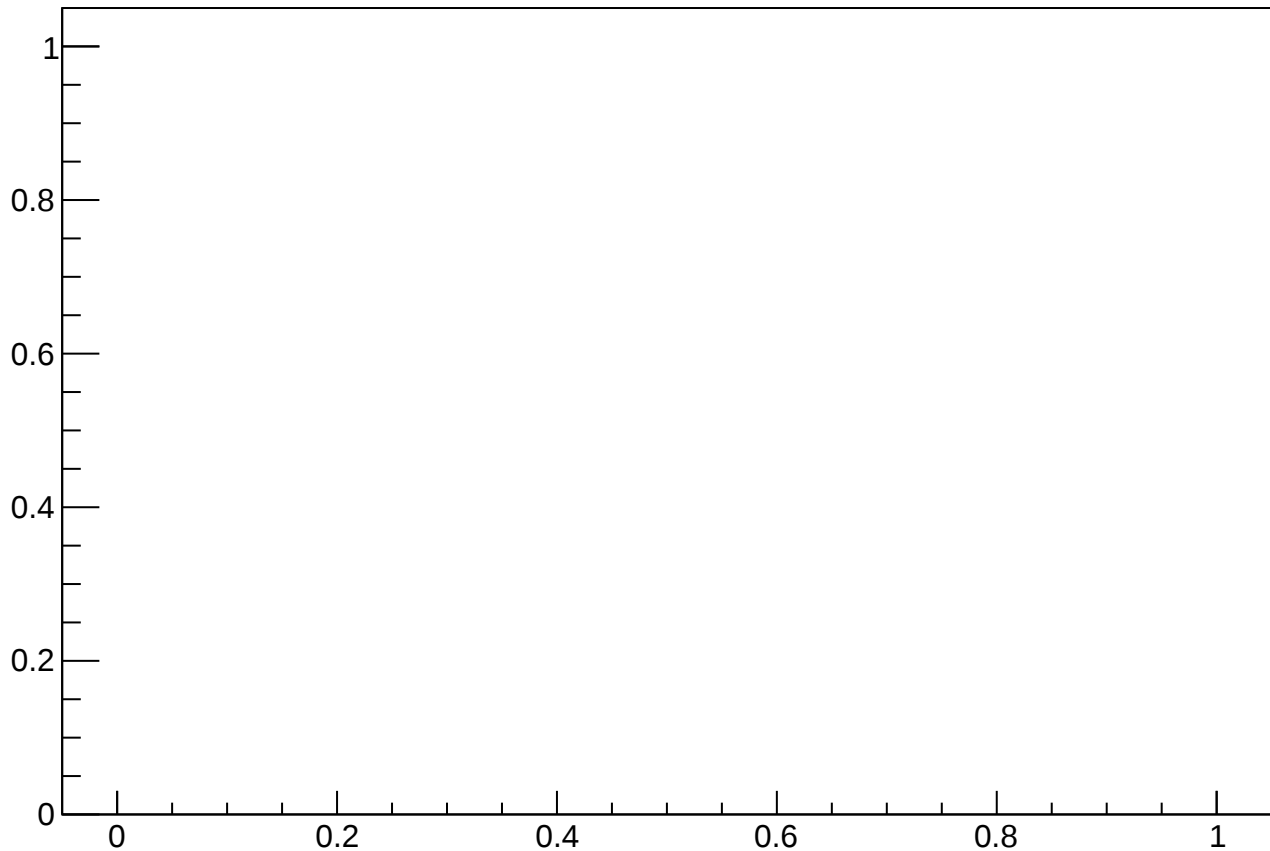
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

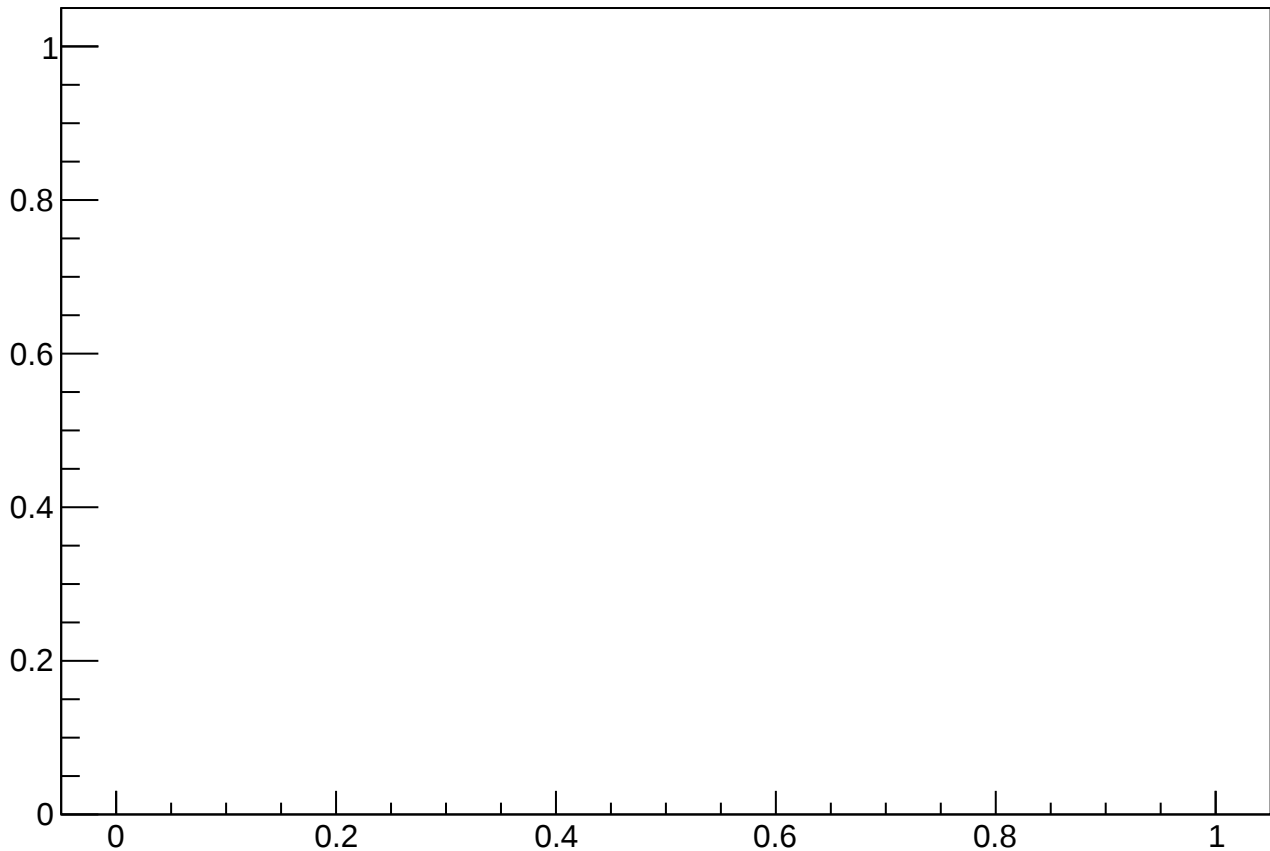
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

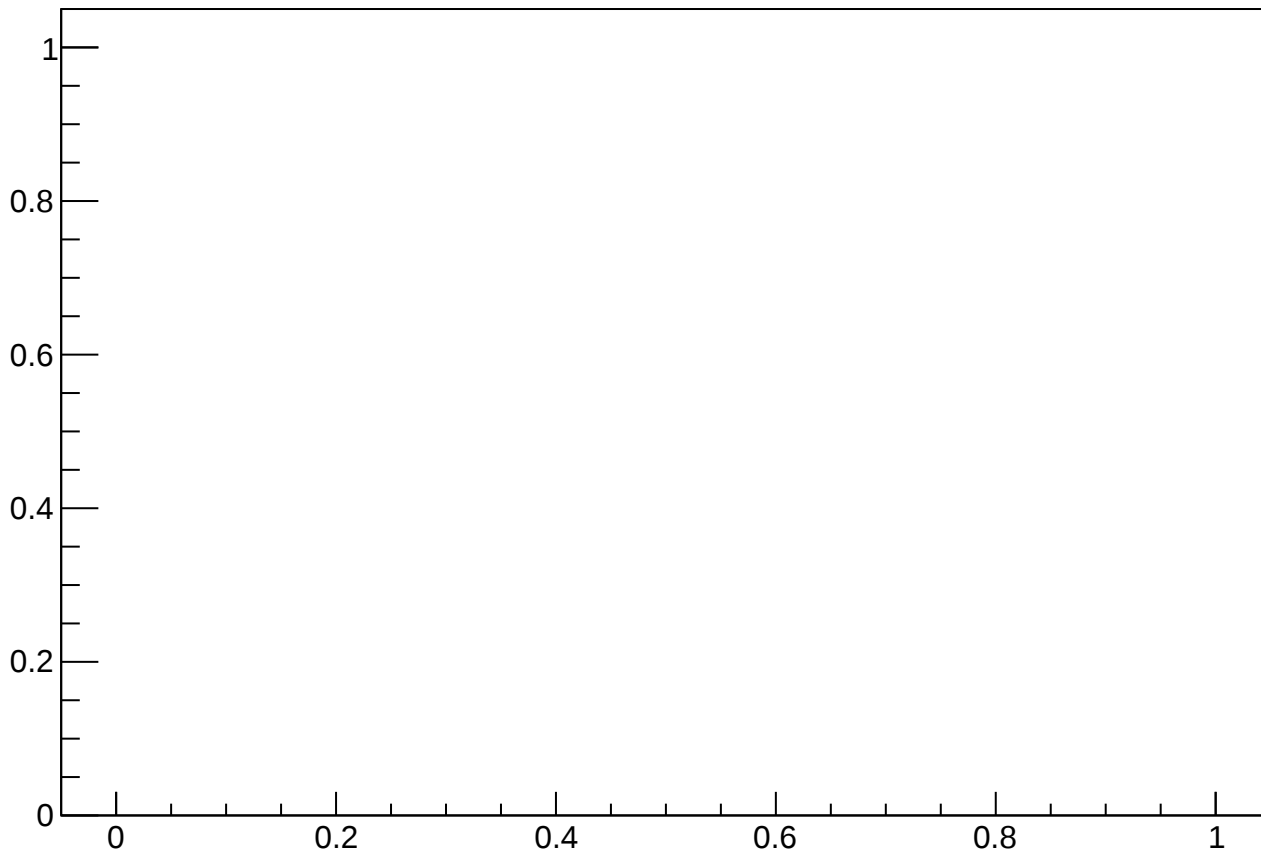
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

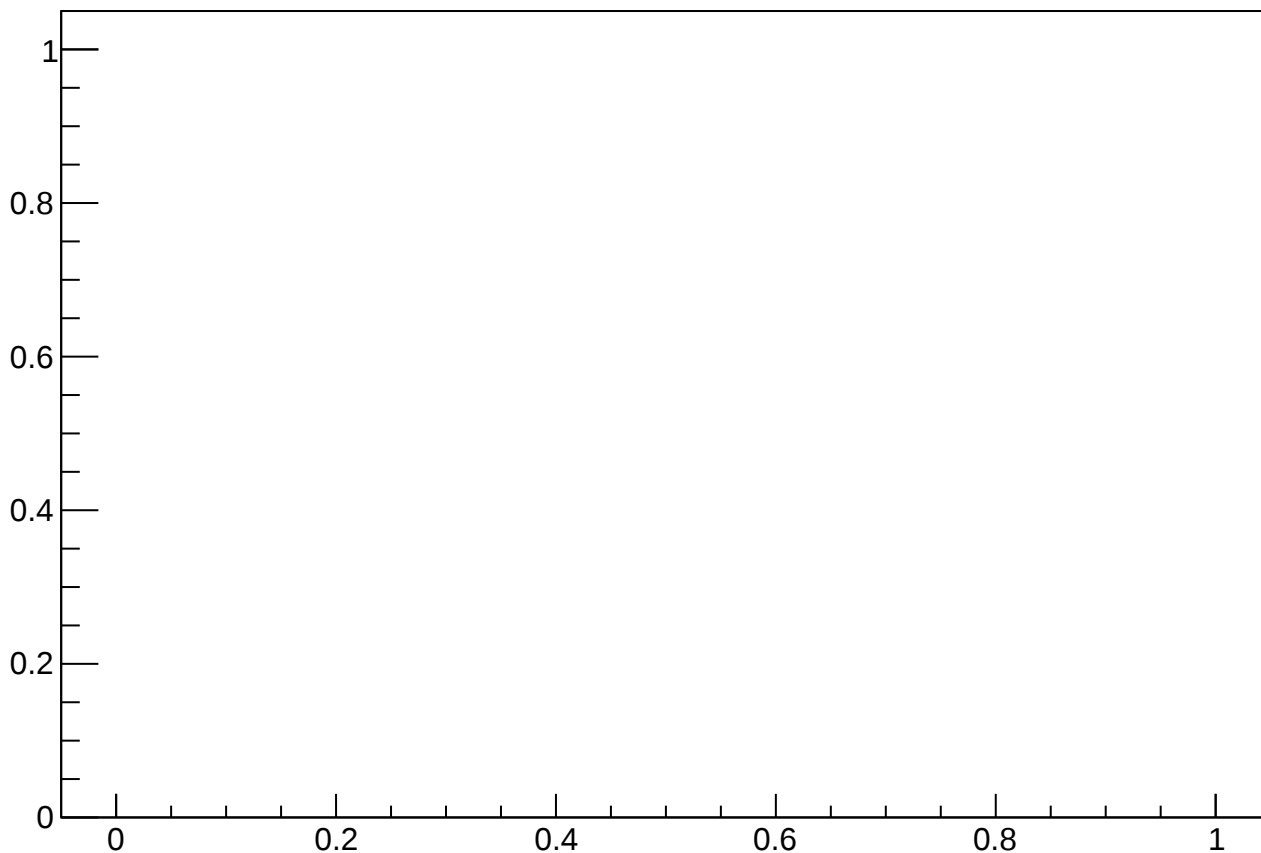
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

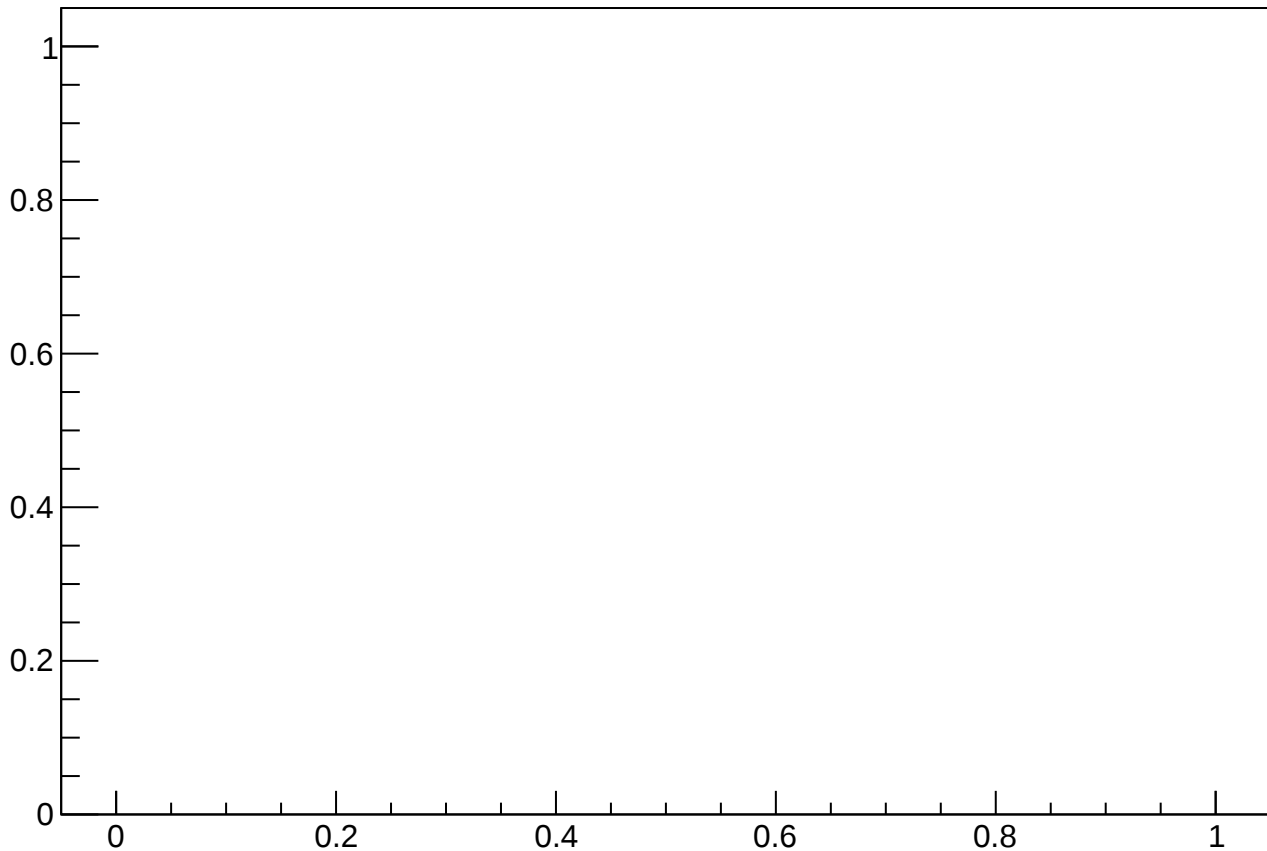
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

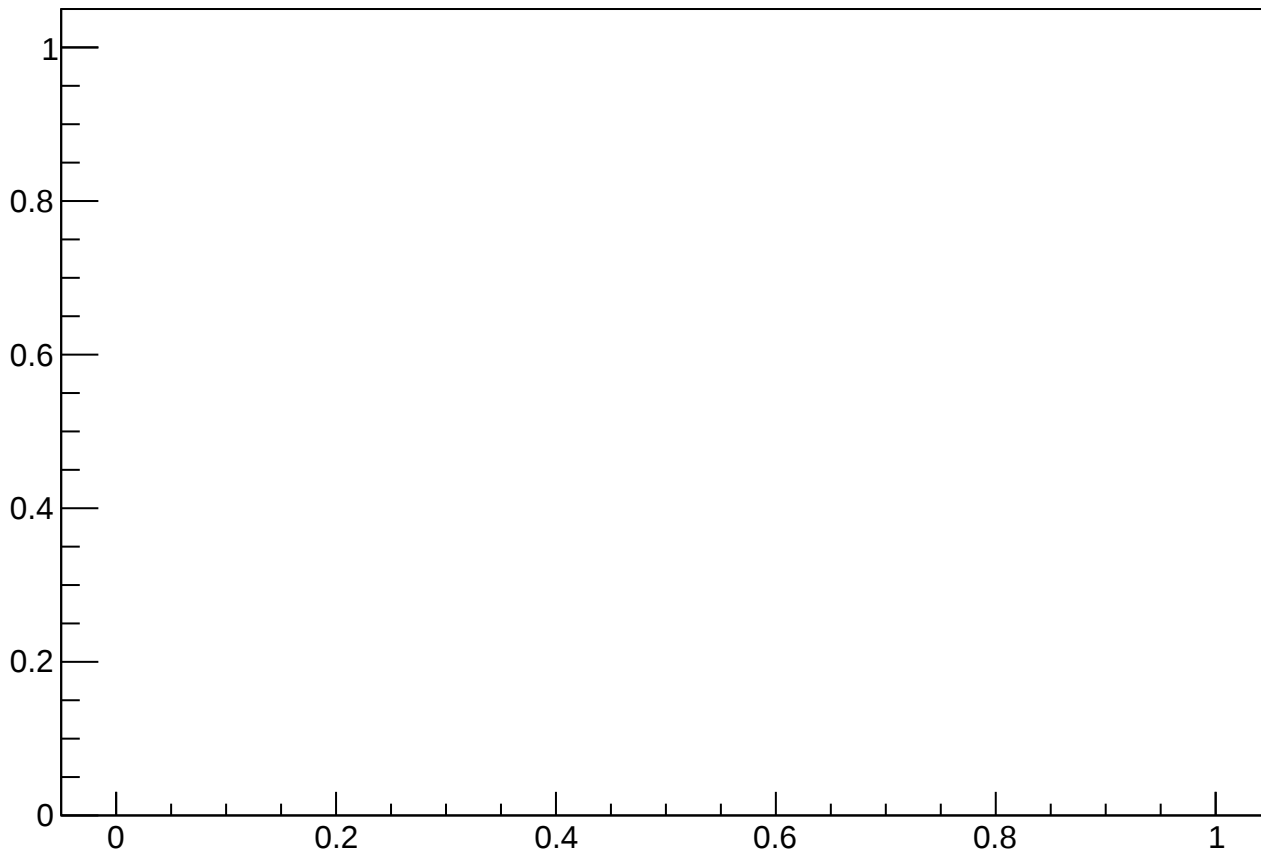
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

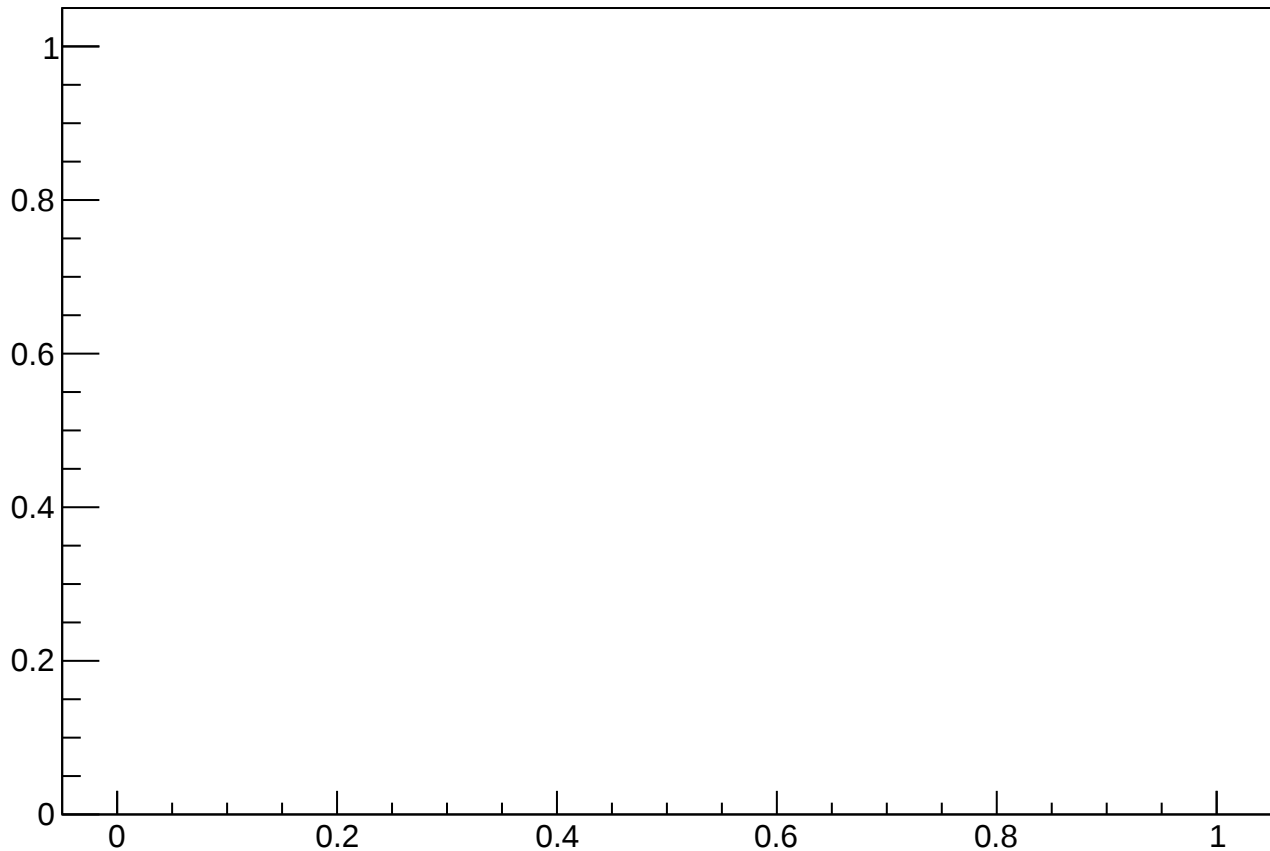
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

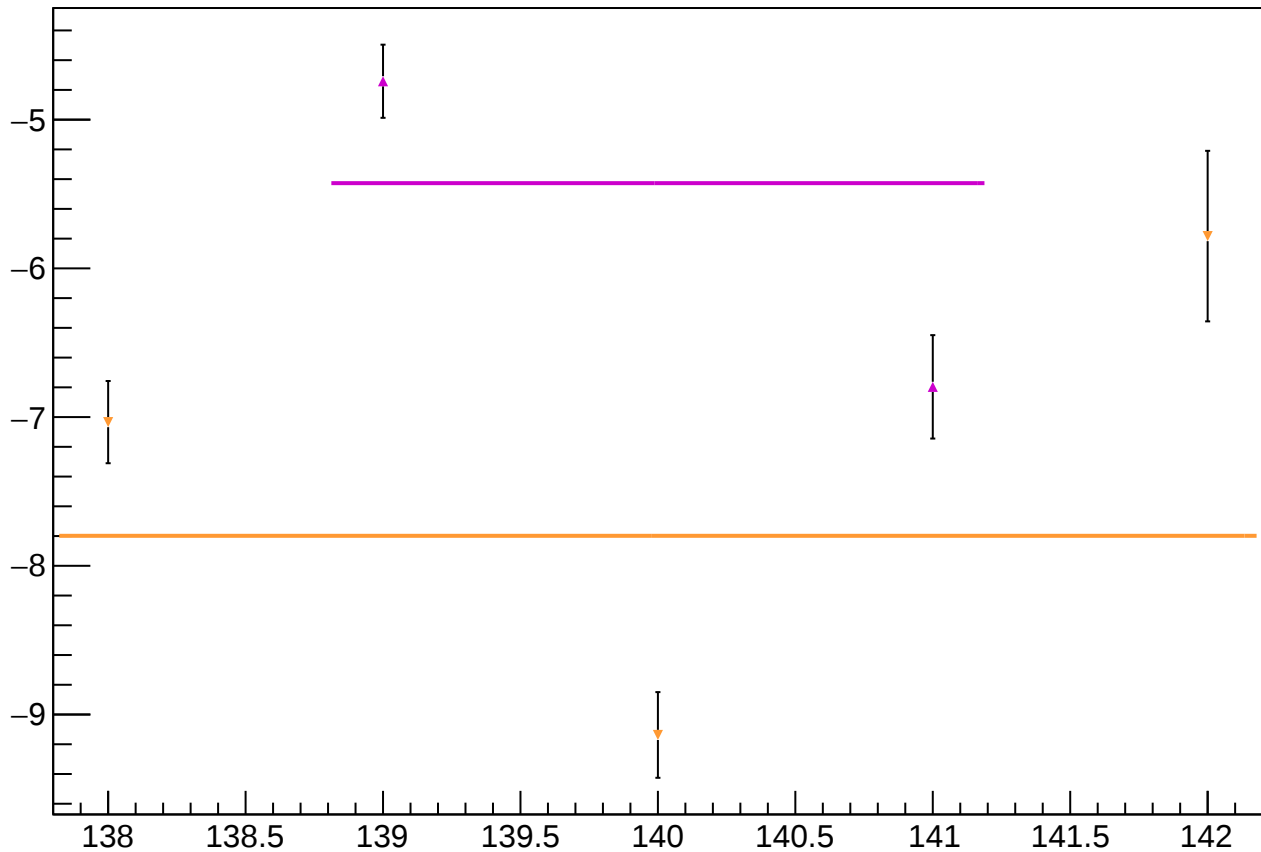
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -7.798 ± 0.188 χ^2/NDF : 41.6/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.427 ± 0.201 χ^2/NDF : 23.3/1

Left: -6.688 ± 0.137 χ^2/NDF : 139.0/4

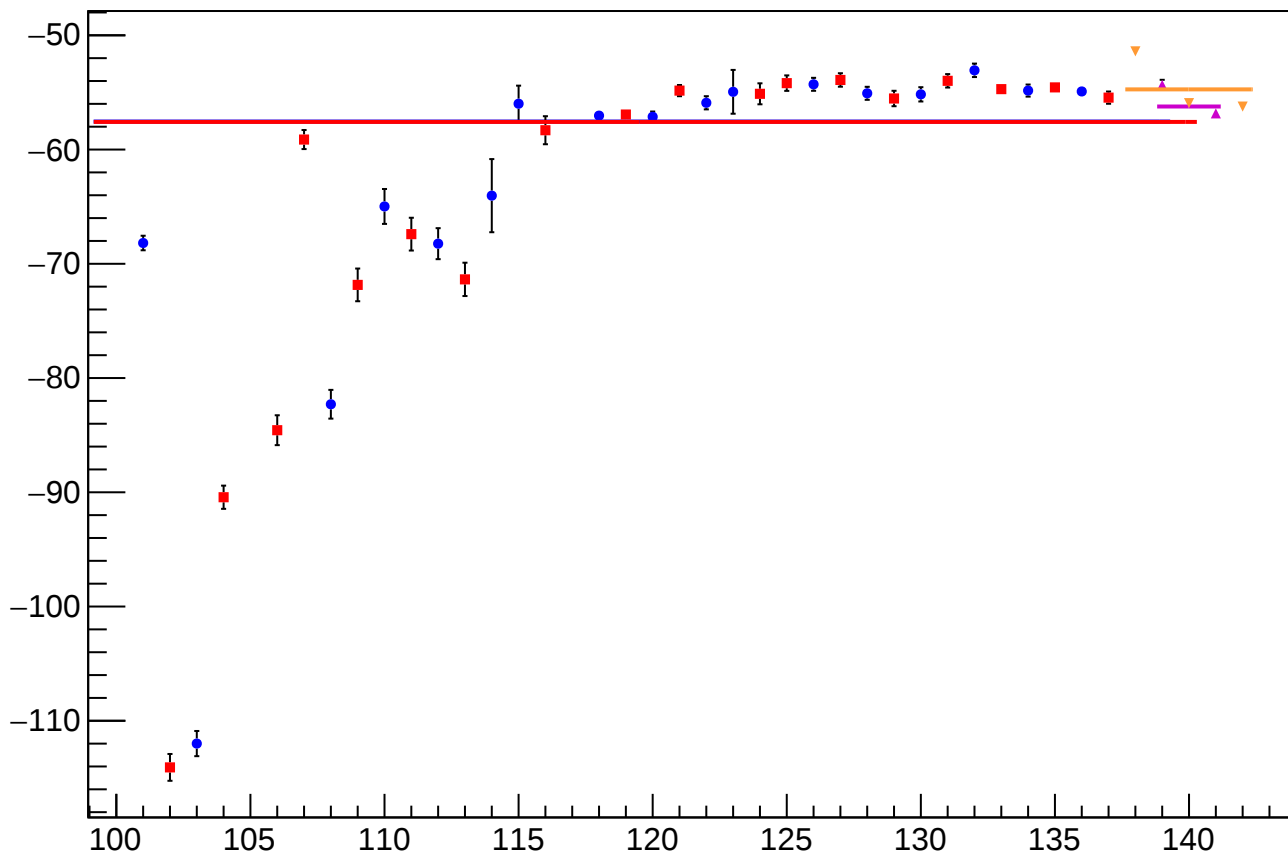
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.427 ± 0.201 χ^2/NDF : 23.3/1

Out: -7.798 ± 0.188 χ^2/NDF : 41.6/2

All: -6.688 ± 0.137 χ^2/NDF : 139.0/4

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.733 ± 0.171 χ^2/NDF : 148.7/2

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -56.232 ± 0.219 χ^2/NDF : 23.8/1

Left: -55.301 ± 0.134 χ^2/NDF : 201.8/4

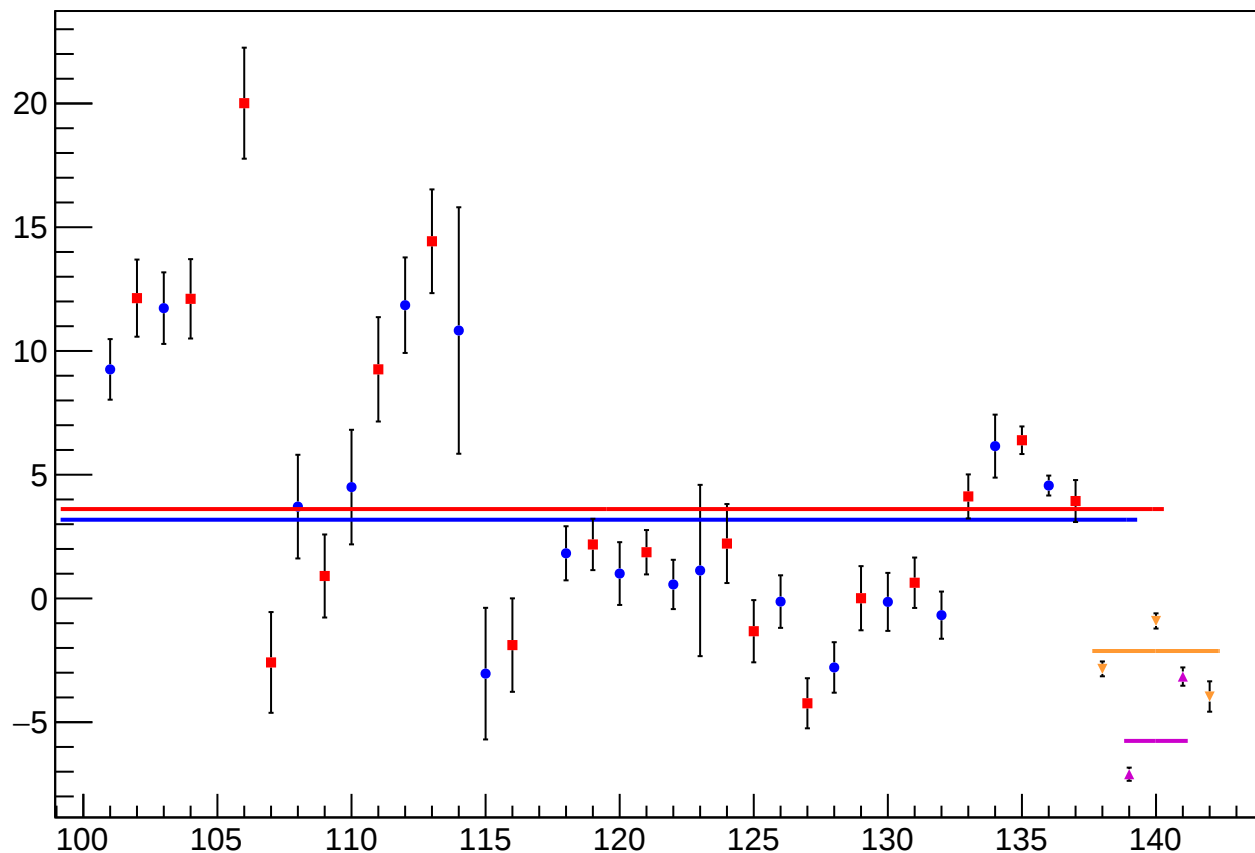
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -57.160 ± 0.119 χ^2/NDF : 3509.8/18

Out: -56.406 ± 0.110 χ^2/NDF : 4656.2/20

All: -56.753 ± 0.081 χ^2/NDF : 8187.8/39

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -2.123 ± 0.203 χ^2/NDF : 30.4/2

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -5.756 ± 0.216 χ^2/NDF : 75.0/1

Left: -3.823 ± 0.148 χ^2/NDF : 255.8/4

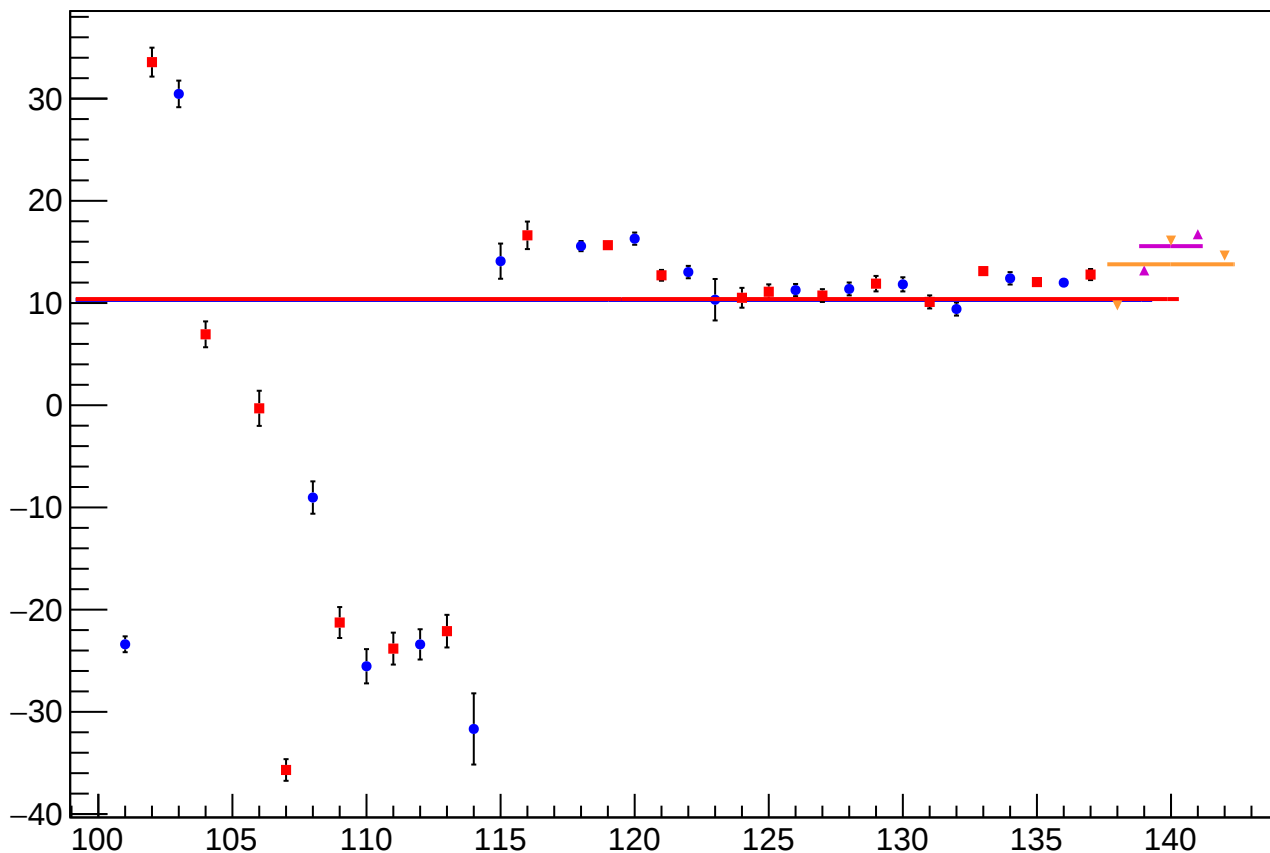
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -2.072 ± 0.166 χ^2/NDF : 965.6/18

Out: -0.037 ± 0.162 χ^2/NDF : 611.2/20

All: -1.029 ± 0.116 χ^2/NDF : 1654.2/39

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.790+/-0.199 χ^2/NDF :197.6/2

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.566+/-0.246 χ^2/NDF :45.8/1

Left: 14.495+/-0.155 χ^2/NDF : 274.9/4

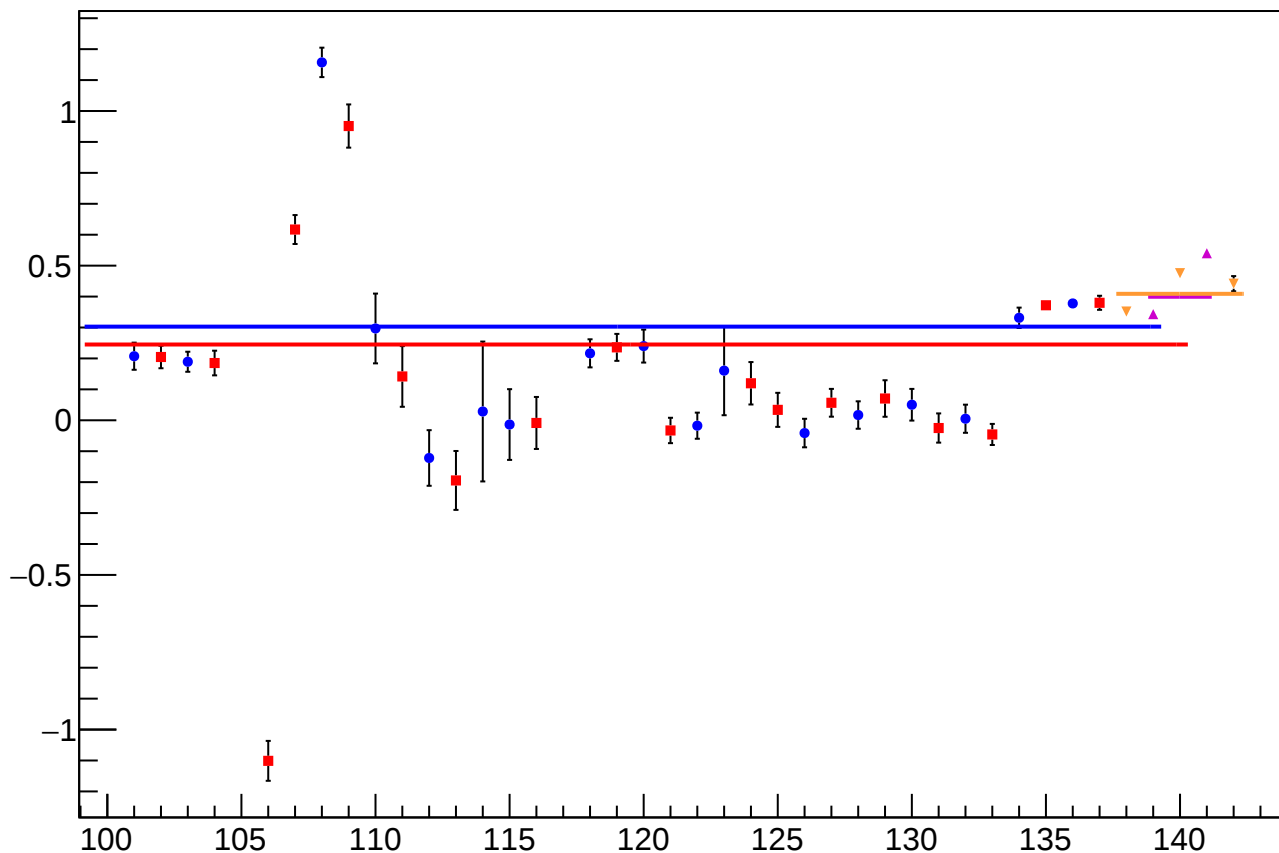
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 11.719+/-0.125 χ^2/NDF :4161.0/20

All: 11.769+/-0.091 χ^2/NDF : 8232.5/39

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.409 $\pm$ 0.008 χ^2 /NDF:51.7/2

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.399 $\pm$ 0.008 χ^2 /NDF:125.3/1

Left: 0.404 $\pm$ 0.006 χ^2 /NDF: 177.7/4

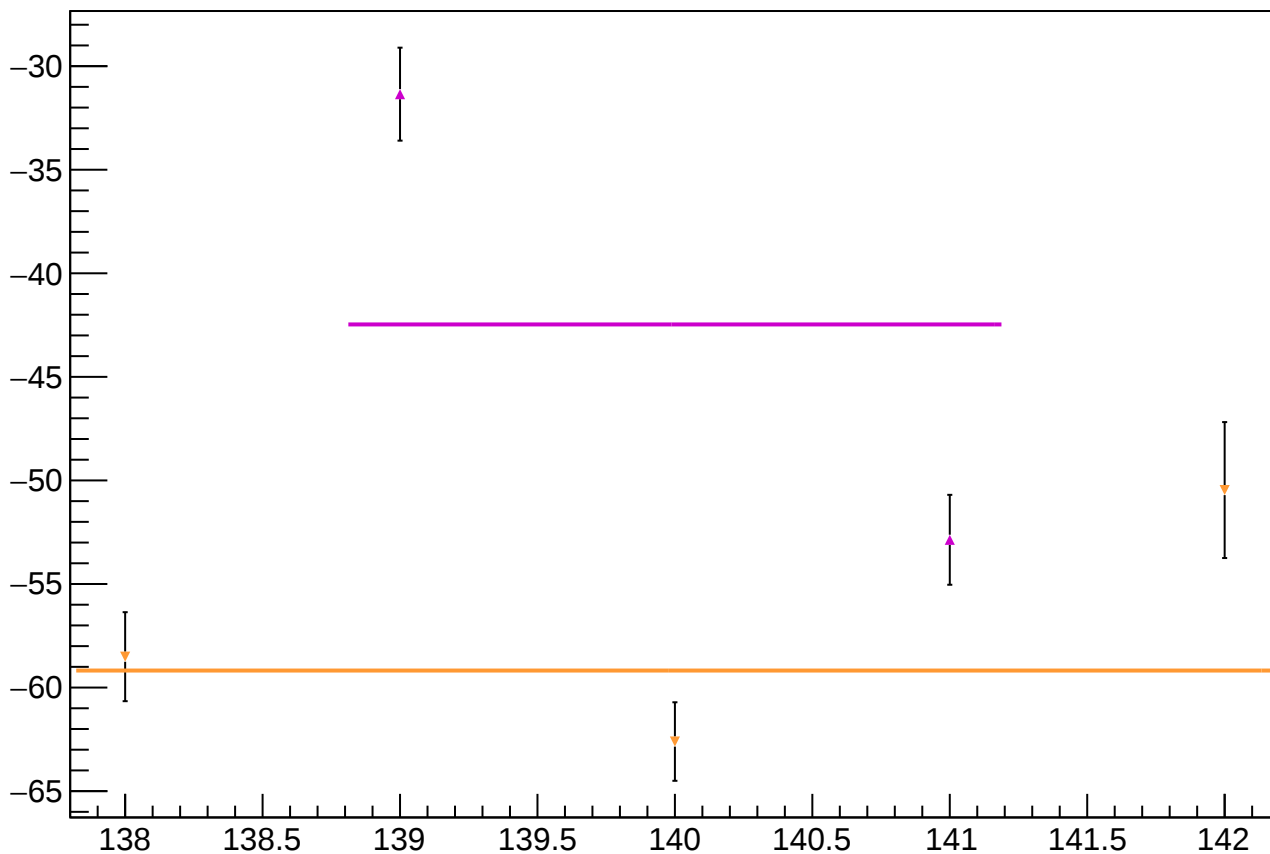
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.353 $\pm$ 0.006 χ^2 /NDF:844.1/18

Out: 0.330 $\pm$ 0.006 χ^2 /NDF:1198.2/20

All: 0.342 $\pm$ 0.004 χ^2 /NDF: 2049.9/39

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.178+/-1.304 χ^2/NDF :10.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.469+/-1.560 χ^2/NDF :47.5/1

Left: -52.305+/-1.001 χ^2/NDF : 125.4/4

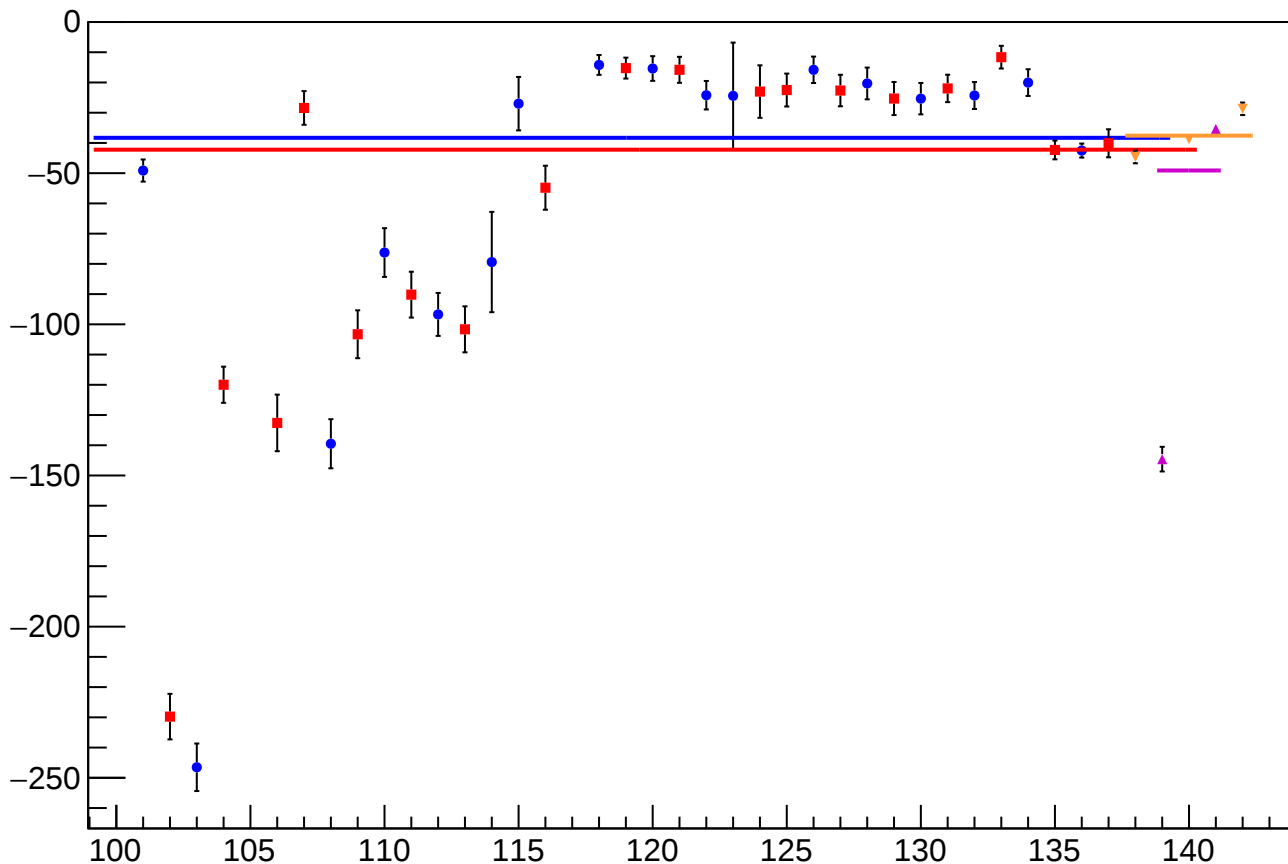
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.469+/-1.560 χ^2/NDF :47.5/1

Out: -59.178+/-1.304 χ^2/NDF :10.4/2

All: -52.305+/-1.001 χ^2/NDF : 125.4/4

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -37.590 ± 1.068 $\chi^2/\text{NDF}: 30.2/2$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -49.110 ± 1.443 $\chi^2/\text{NDF}: 629.1/1$

Left: -41.668 ± 0.859 $\chi^2/\text{NDF}: 700.4/4$

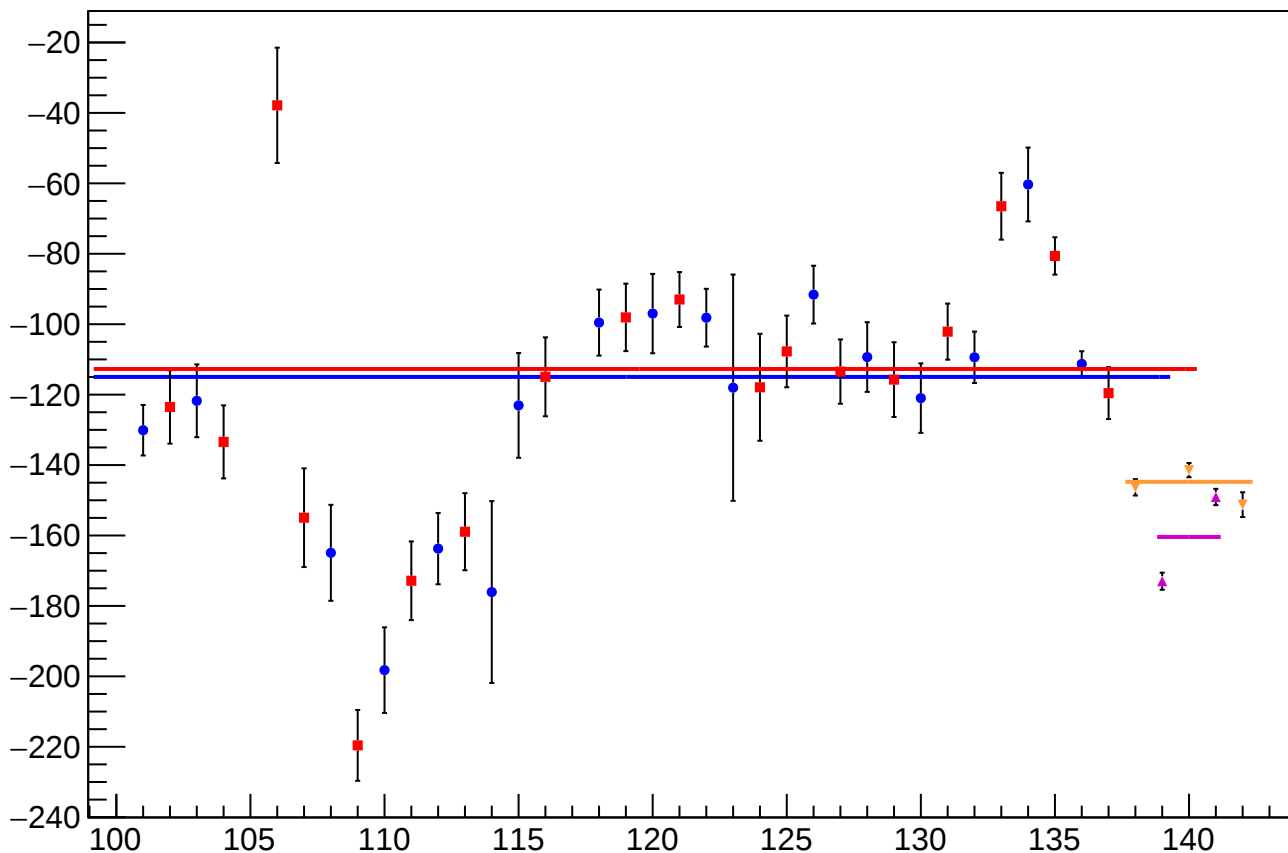
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -42.447 ± 0.894 $\chi^2/\text{NDF}: 1796.4/18$

Out: -39.624 ± 0.801 $\chi^2/\text{NDF}: 1316.6/20$

All: -40.881 ± 0.596 $\chi^2/\text{NDF}: 3118.5/39$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2/NDF : 141.4/16

Left Out: -144.752 $\pm$ 1.399 χ^2/NDF : 6.6/2

Right Out: -112.713 $\pm$ 2.210 χ^2/NDF : 267.1/17

Left In: -160.415 $\pm$ 1.673 χ^2/NDF : 51.0/1

Left: -151.199 $\pm$ 1.073 χ^2/NDF : 109.1/4

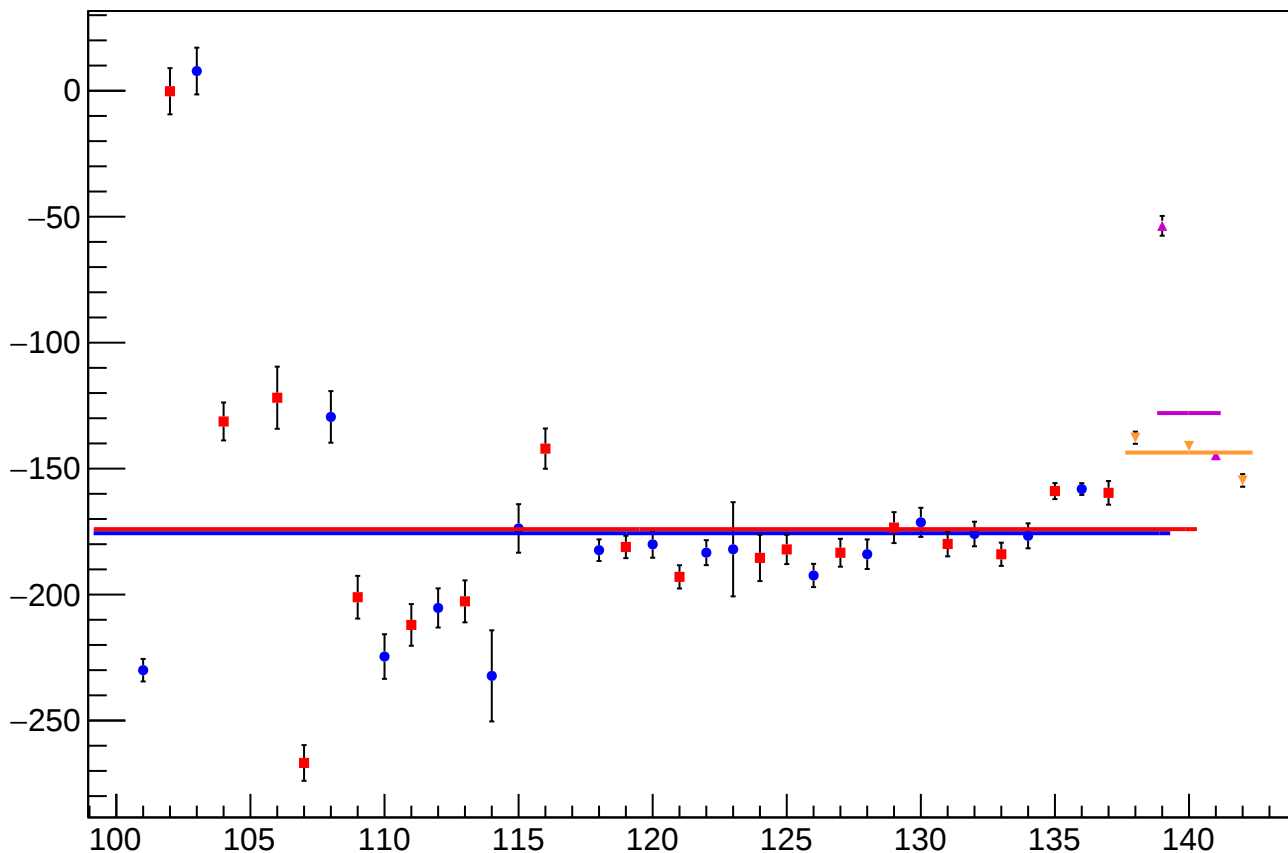
Right: -113.912 $\pm$ 1.513 χ^2/NDF : 409.1/34

In: -142.510 $\pm$ 1.302 χ^2/NDF : 483.2/18

Out: -135.588 $\pm$ 1.182 χ^2/NDF : 423.7/20

All: -138.715 $\pm$ 0.875 χ^2/NDF : 922.4/39

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.626 ± 1.276 χ^2/NDF : 27.3/2

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -127.946 ± 1.681 χ^2/NDF : 440.0/1

Left: -137.894 ± 1.016 χ^2/NDF : 522.6/4

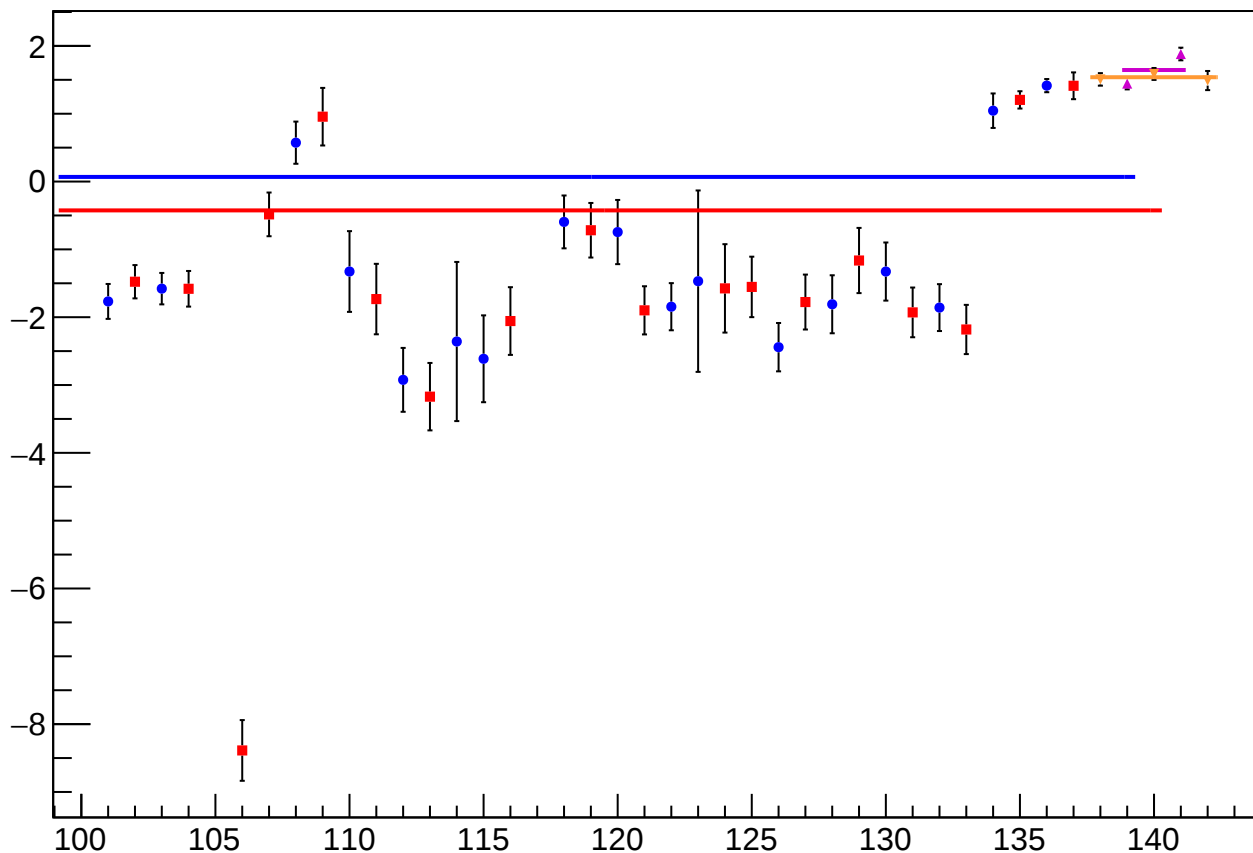
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -157.909 ± 0.929 χ^2/NDF : 997.6/20

All: -158.101 ± 0.685 χ^2/NDF : 2642.8/39

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.538 ± 0.058 χ^2/NDF : 0.5/2

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.645 ± 0.063 χ^2/NDF : 11.8/1

Left: 1.587 ± 0.043 χ^2/NDF : 13.9/4

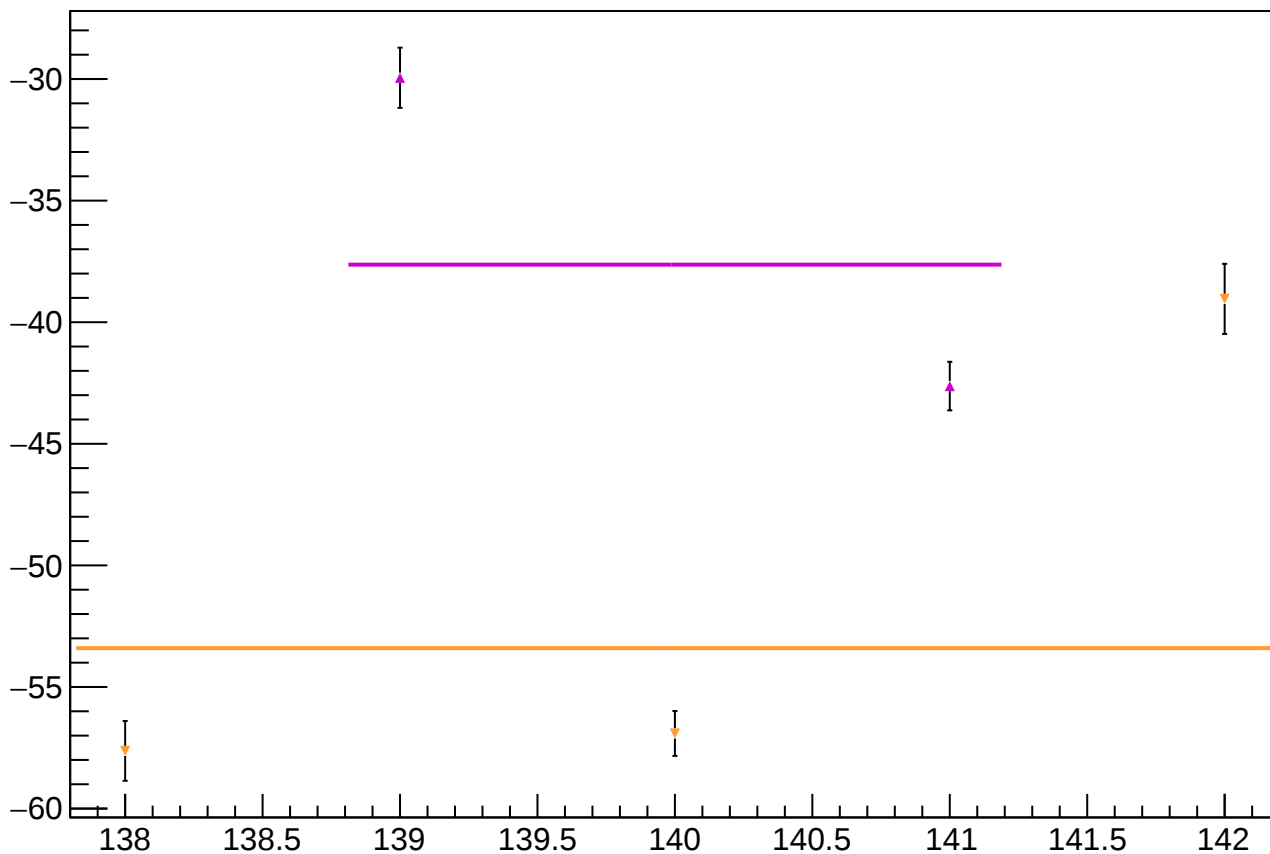
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 0.903 ± 0.046 χ^2/NDF : 830.6/18

Out: 0.755 ± 0.045 χ^2/NDF : 1200.0/20

All: 0.827 ± 0.032 χ^2/NDF : 2035.9/39

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.403+/-0.657 χ^2/NDF :125.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.633+/-0.777 χ^2/NDF :63.5/1

Left: -46.833+/-0.502 χ^2/NDF : 429.3/4

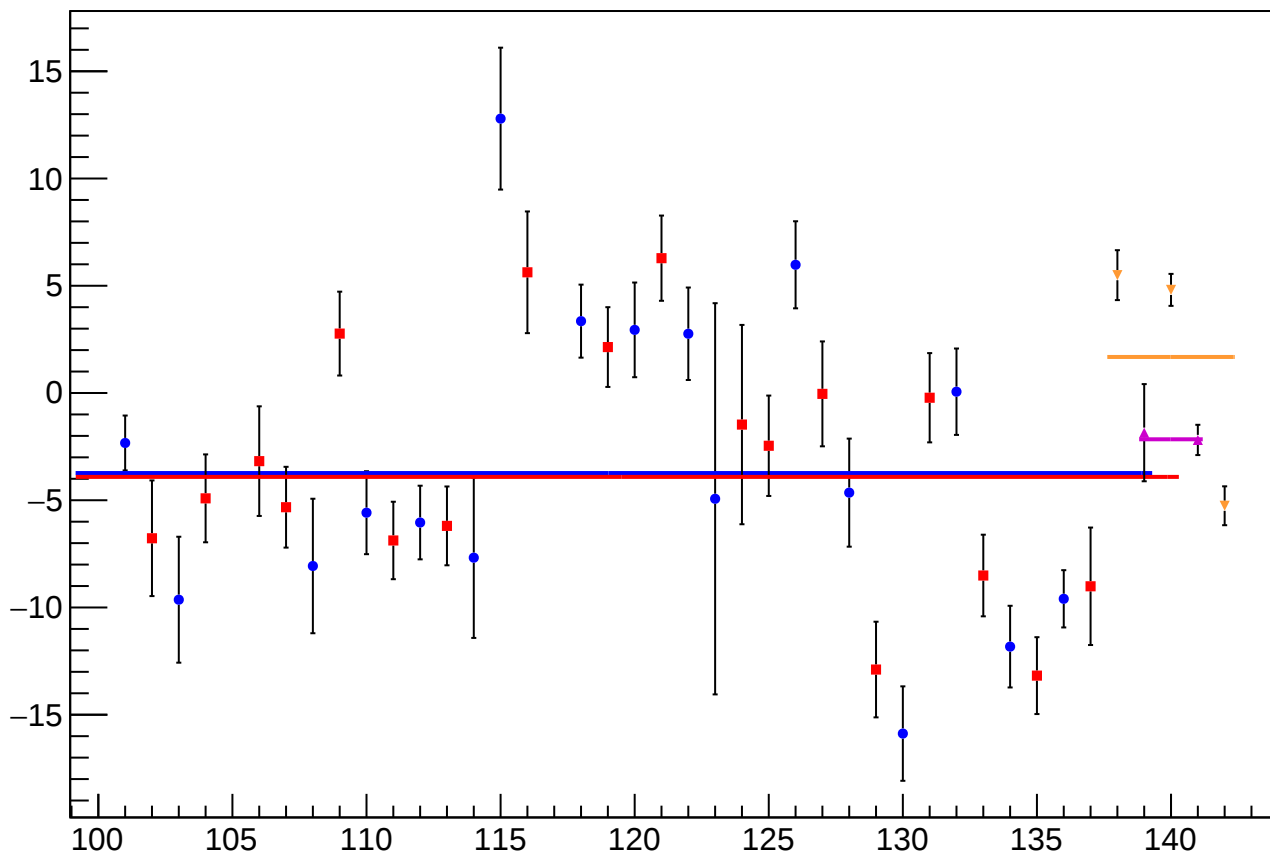
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.633+/-0.777 χ^2/NDF :63.5/1

Out: -53.403+/-0.657 χ^2/NDF :125.6/2

All: -46.833+/-0.502 χ^2/NDF : 429.3/4

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: 1.680 ± 0.516 $\chi^2/\text{NDF}: 86.9/2$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -2.159 ± 0.674 $\chi^2/\text{NDF}: 0.0/1$

Left: 0.261 ± 0.410 $\chi^2/\text{NDF}: 107.4/4$

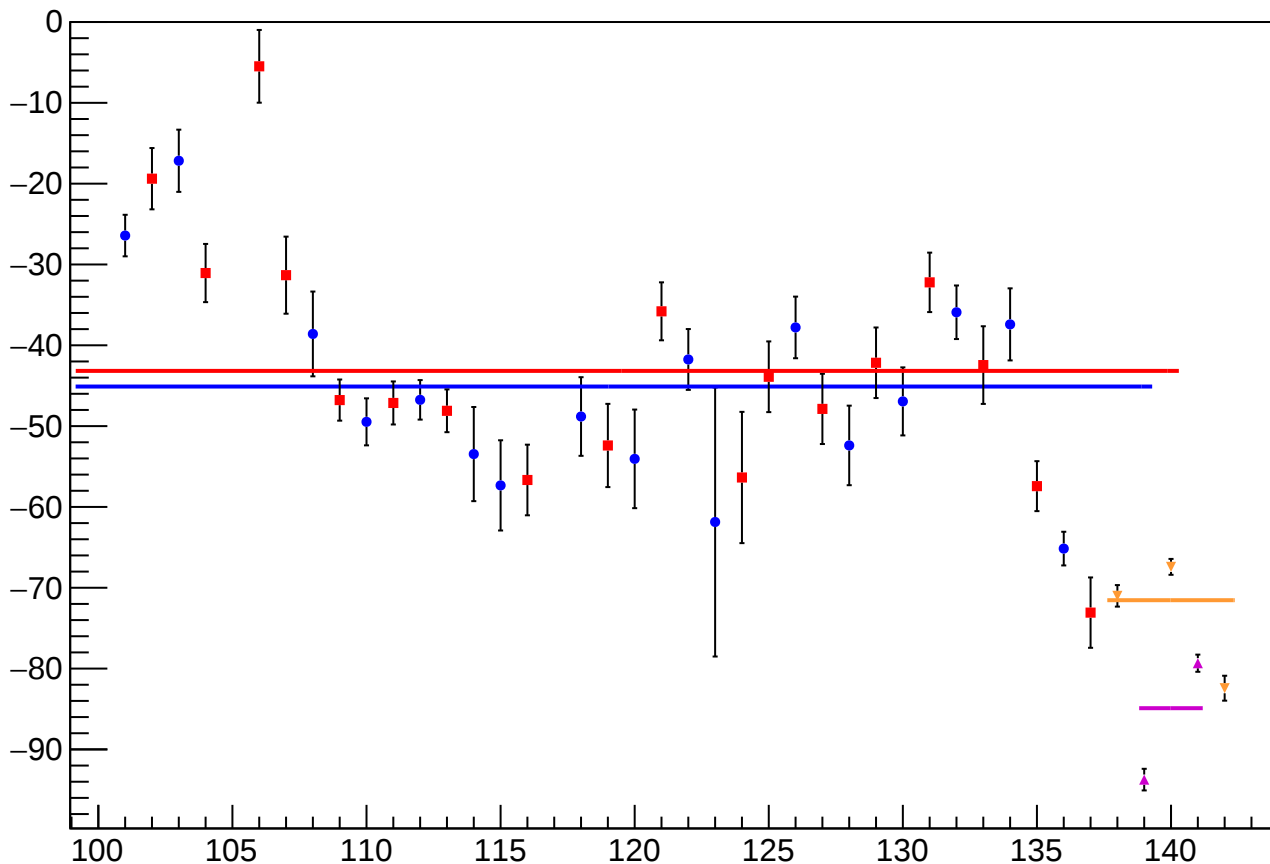
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.179 ± 0.399 $\chi^2/\text{NDF}: 169.4/18$

Out: -1.166 ± 0.362 $\chi^2/\text{NDF}: 271.4/20$

All: -2.073 ± 0.268 $\chi^2/\text{NDF}: 454.8/39$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.539 ± 0.704 χ^2/NDF : 67.6/2

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -84.901 ± 0.832 χ^2/NDF : 71.1/1

Left: -77.113 ± 0.537 χ^2/NDF : 289.2/4

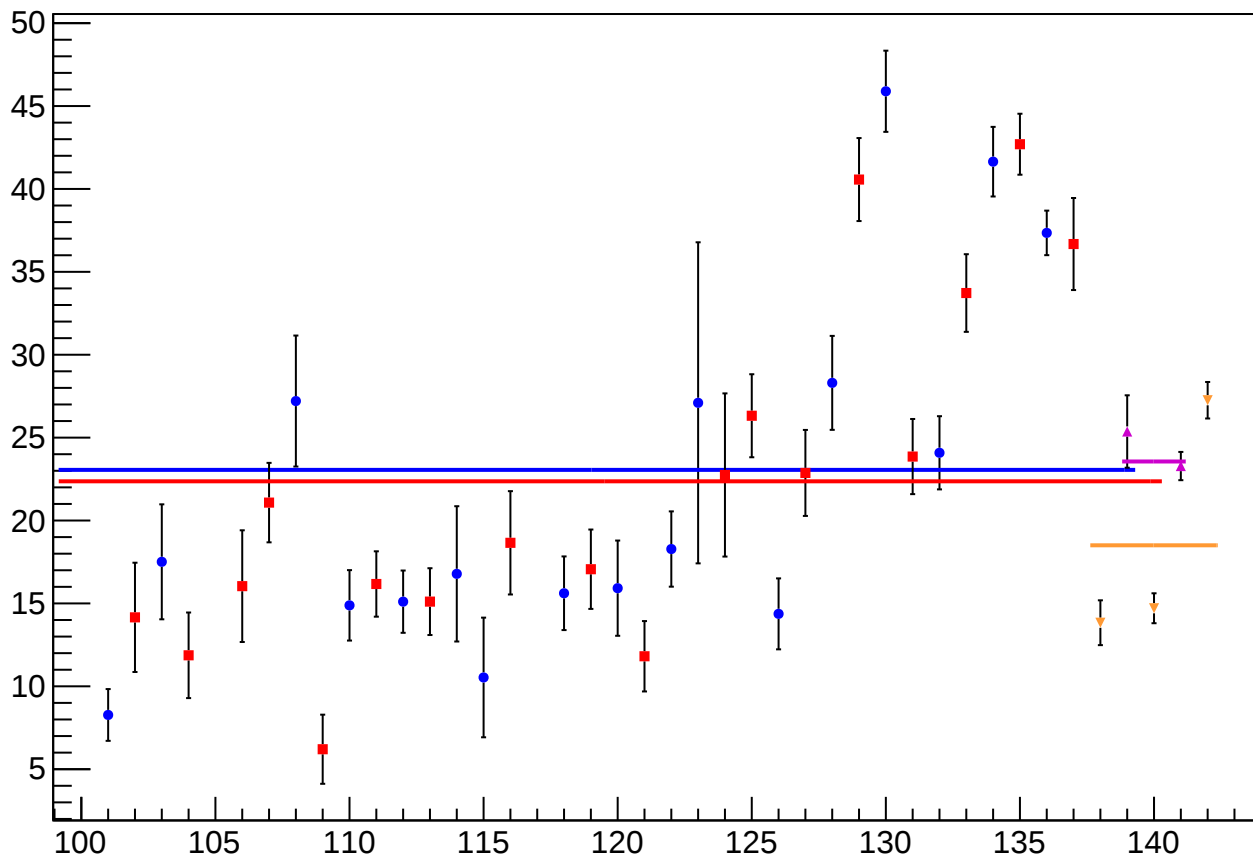
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18

Out: -60.463 ± 0.549 χ^2/NDF : 935.4/20

All: -63.047 ± 0.407 χ^2/NDF : 2363.3/39

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 18.505+/-0.620 χ^2/NDF : 92.8/2

Right Out: 22.365+/-0.573 χ^2/NDF : 368.8/17

Left In: 23.561+/-0.794 χ^2/NDF : 0.8/1

Left: 20.422+/-0.489 χ^2/NDF : 118.7/4

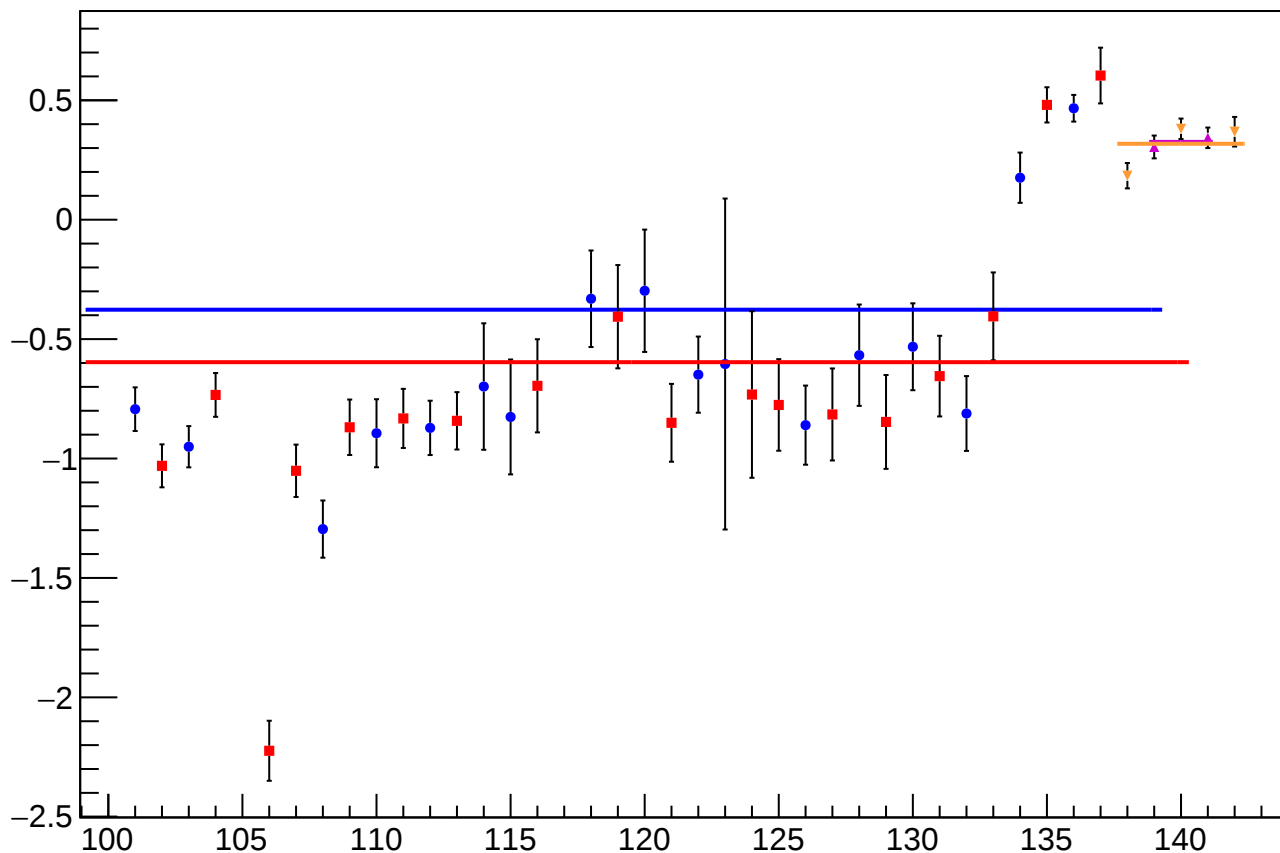
Right: 22.720+/-0.399 χ^2/NDF : 830.6/34

In: 23.222+/-0.456 χ^2/NDF : 462.2/18

Out: 20.589+/-0.421 χ^2/NDF : 482.4/20

All: 21.800+/-0.309 χ^2/NDF : 962.6/39

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.318 ± 0.029 $\chi^2/\text{NDF}: 9.1/2$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.326 ± 0.032 $\chi^2/\text{NDF}: 0.4/1$

Left: 0.322 ± 0.022 $\chi^2/\text{NDF}: 9.5/4$

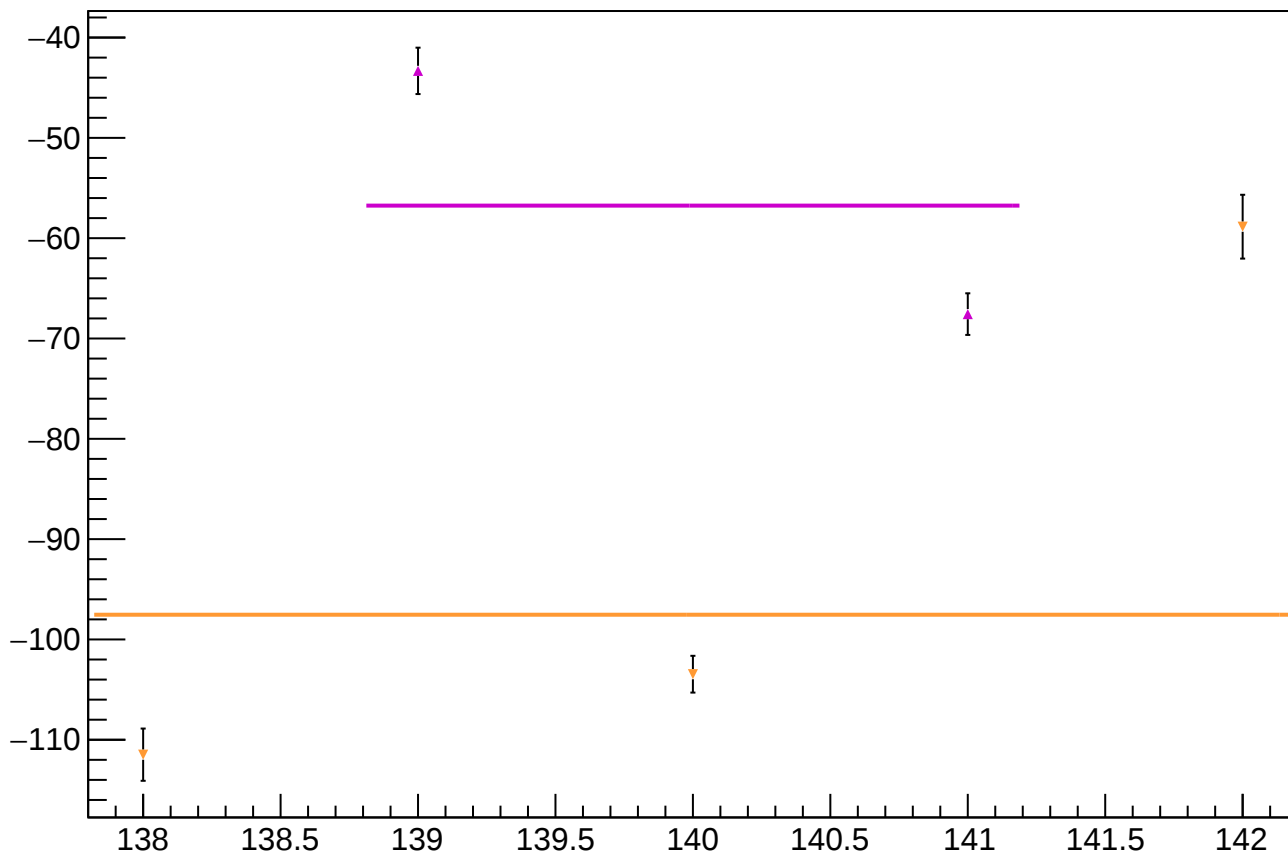
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: -0.046 ± 0.022 $\chi^2/\text{NDF}: 694.3/18$

Out: -0.126 ± 0.021 $\chi^2/\text{NDF}: 1031.2/20$

All: -0.087 ± 0.015 $\chi^2/\text{NDF}: 1732.3/39$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -97.535+/-1.356 χ^2/NDF :187.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.753+/-1.544 χ^2/NDF :60.9/1

Left: -79.781+/-1.019 χ^2/NDF : 641.8/4

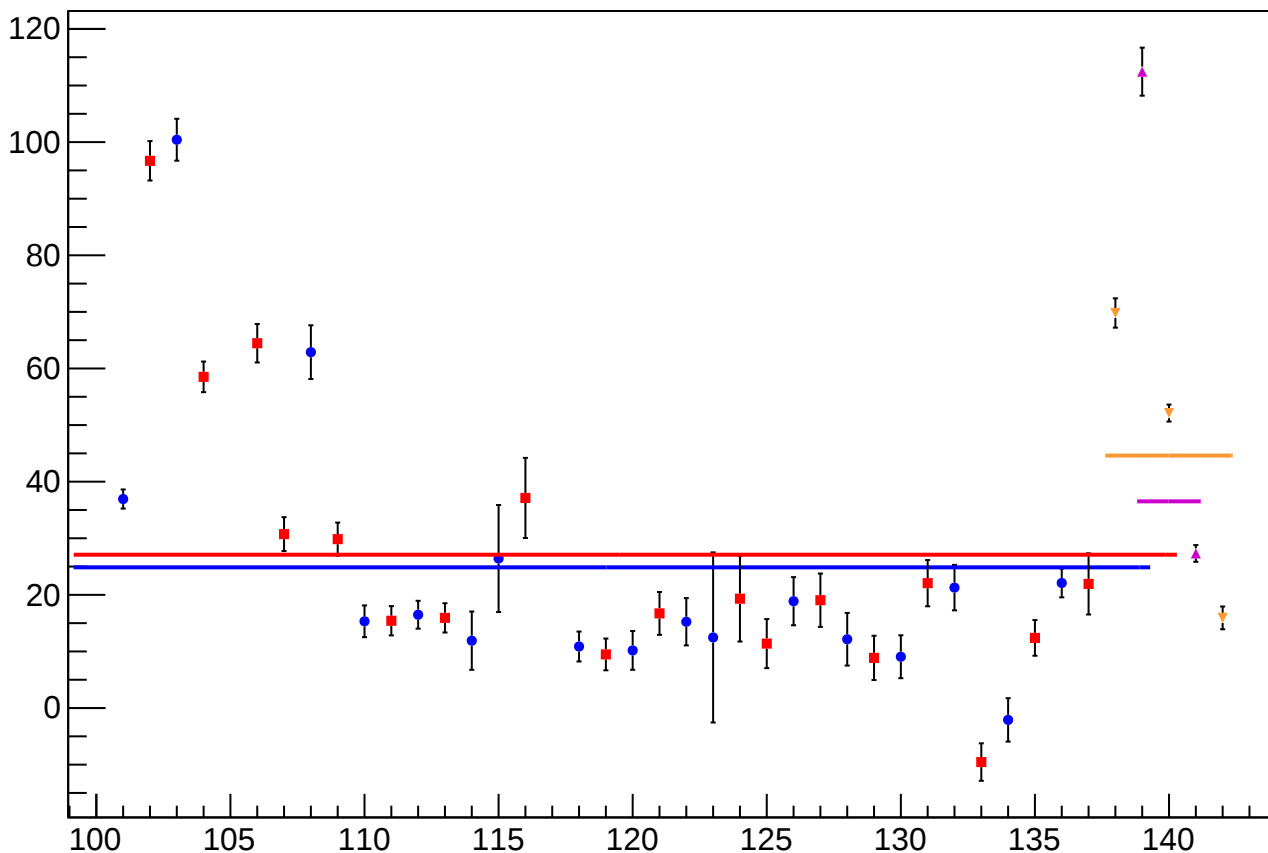
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.753+/-1.544 χ^2/NDF :60.9/1

Out: -97.535+/-1.356 χ^2/NDF :187.0/2

All: -79.781+/-1.019 χ^2/NDF : 641.8/4

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2/NDF : 691.0/16

Left Out: 44.613+/-1.091 χ^2/NDF : 322.8/2

Right Out: 27.093+/-0.812 χ^2/NDF : 930.9/17

Left In: 36.525+/-1.395 χ^2/NDF : 359.1/1

Left: 41.545+/-0.859 χ^2/NDF : 702.8/4

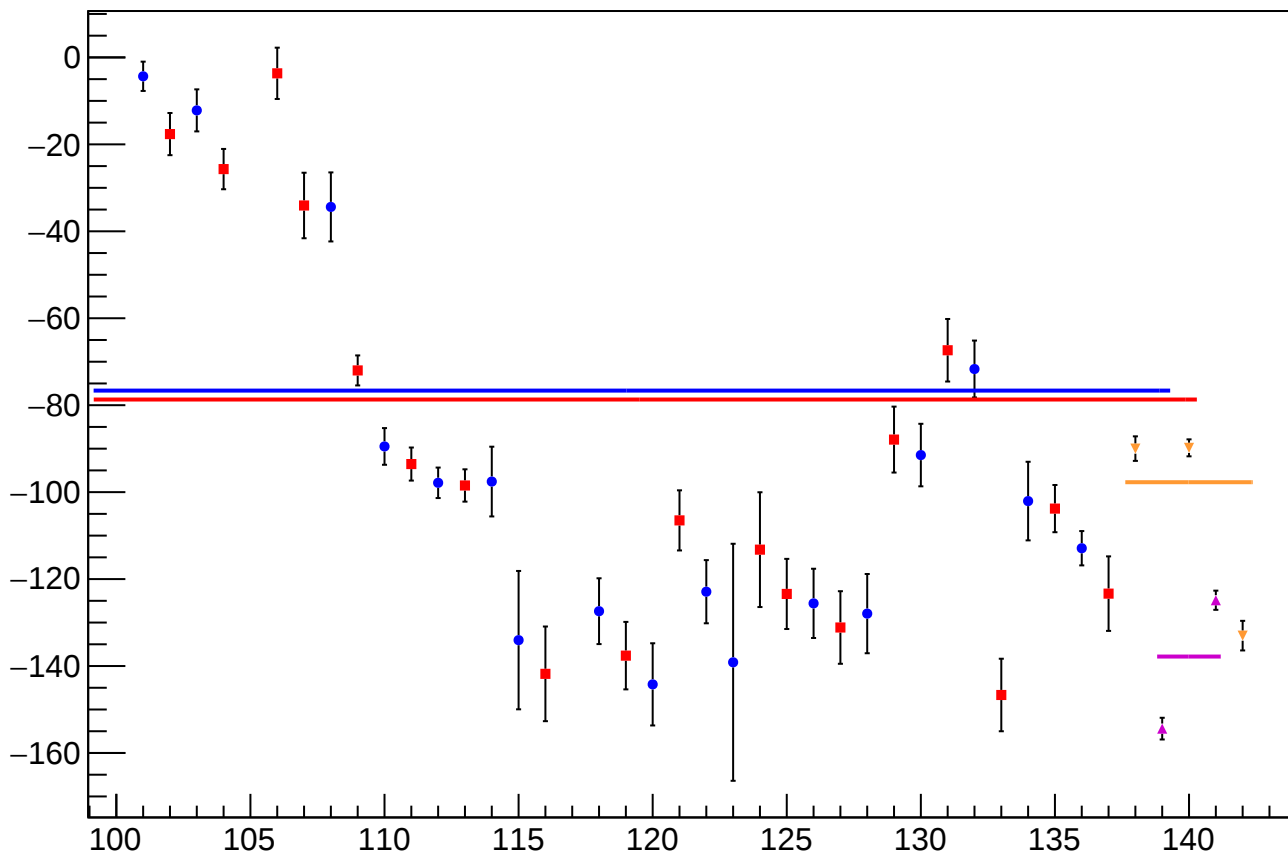
Right: 25.964+/-0.570 χ^2/NDF : 1625.8/34

In: 27.759+/-0.695 χ^2/NDF : 1102.6/18

Out: 33.338+/-0.651 χ^2/NDF : 1419.8/20

All: 30.731+/-0.475 χ^2/NDF : 2556.8/39

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -97.715 ± 1.452 χ^2/NDF : 131.3/2

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -137.819 ± 1.653 χ^2/NDF : 78.6/1

Left: -115.184 ± 1.091 χ^2/NDF : 542.1/4

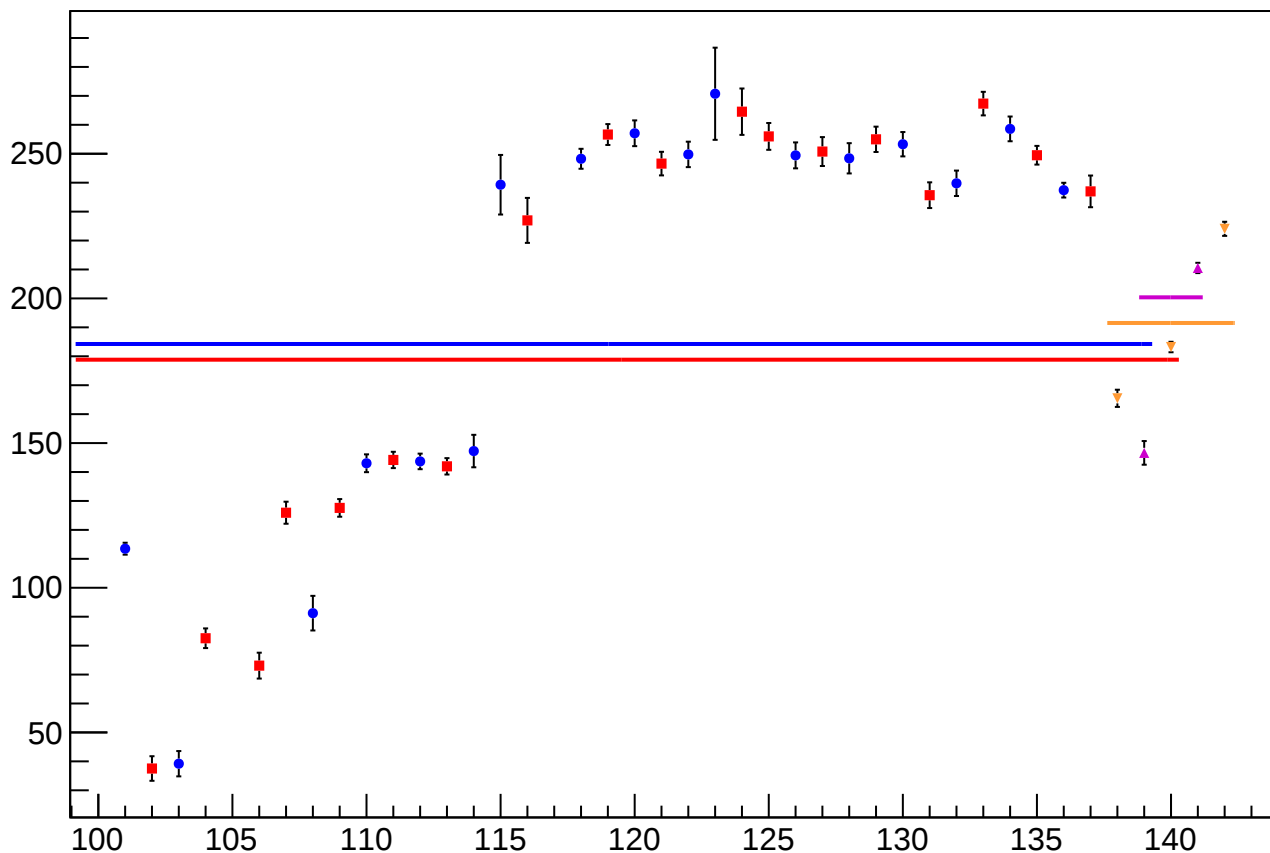
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -102.506 ± 1.075 χ^2/NDF : 1909.9/18

Out: -87.581 ± 0.993 χ^2/NDF : 1059.2/20

All: -94.451 ± 0.729 χ^2/NDF : 3073.1/39

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 191.511 $\pm$ 1.305 χ^2 /NDF:276.3/2

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 200.373 $\pm$ 1.630 χ^2 /NDF:205.3/1

Left: 194.972 $\pm$ 1.019 χ^2 /NDF: 499.6/4

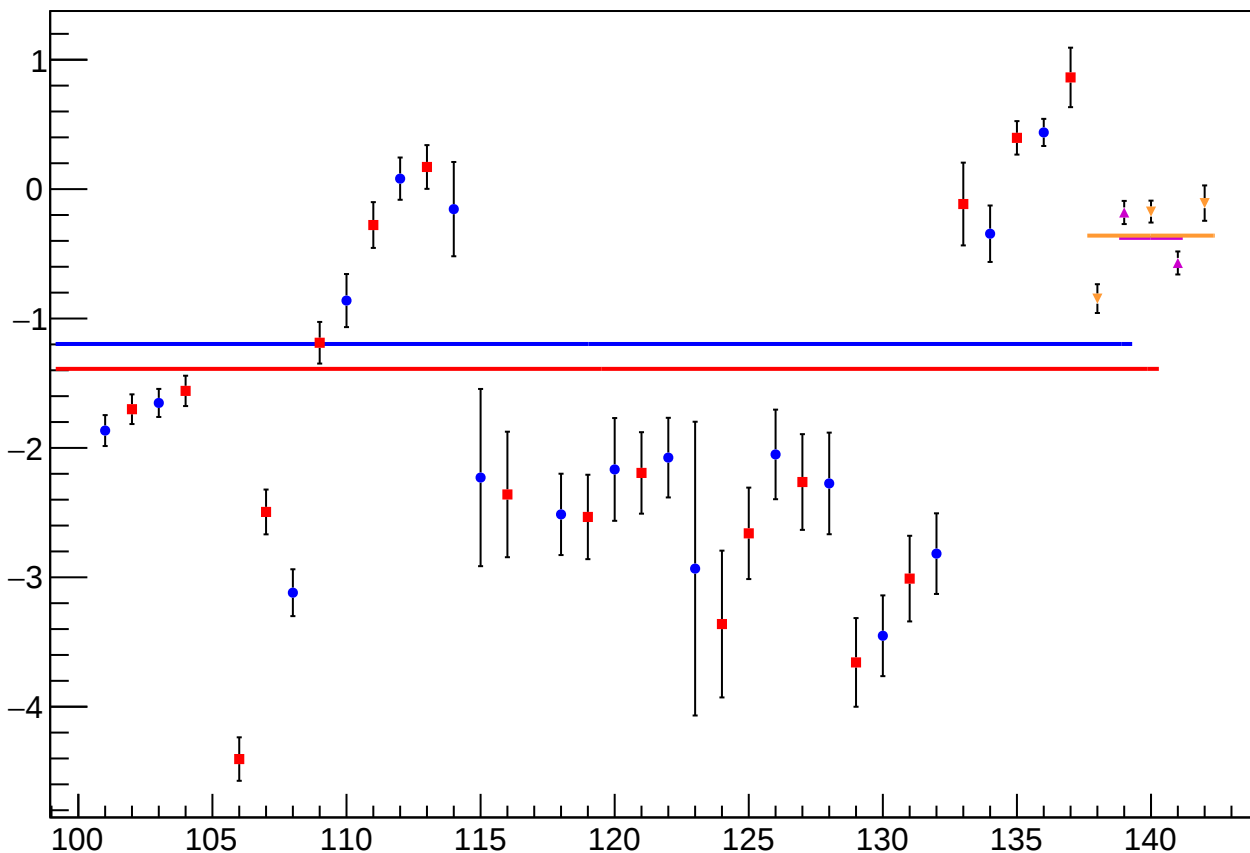
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.111 $\pm$ 0.798 χ^2 /NDF:5668.3/18

Out: 183.069 $\pm$ 0.755 χ^2 /NDF:6510.1/20

All: 185.450 $\pm$ 0.549 χ^2 /NDF: 12199.5/39

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.359 ± 0.060 χ^2/NDF : 27.3/2

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.377 ± 0.063 χ^2/NDF : 9.6/1

Left: -0.368 ± 0.044 χ^2/NDF : 36.9/4

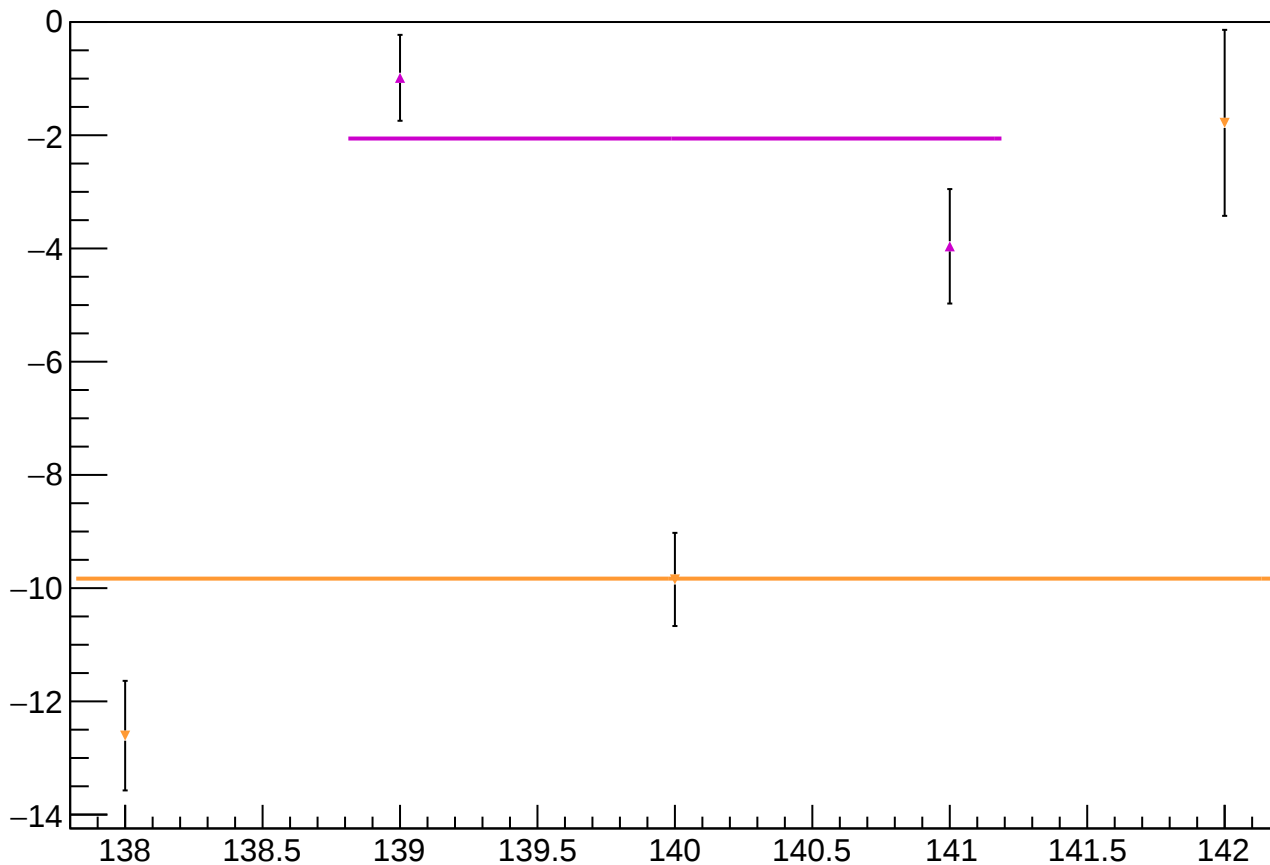
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -1.011 ± 0.037 χ^2/NDF : 1133.2/20

All: -0.955 ± 0.026 χ^2/NDF : 1875.8/39

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.832+/-0.586 χ^2/NDF :32.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.058+/-0.607 χ^2/NDF :5.5/1

Left: -6.083+/-0.421 χ^2/NDF : 122.7/4

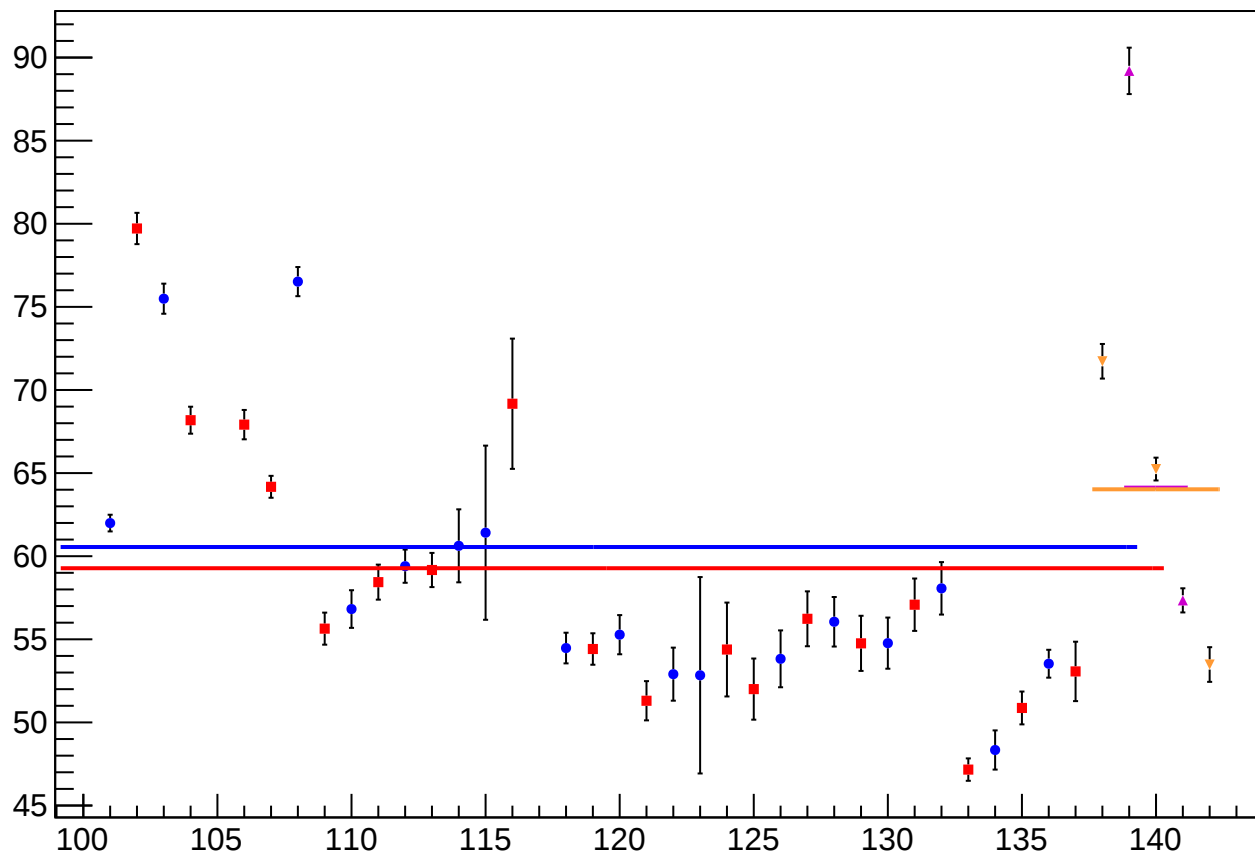
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.058+/-0.607 χ^2/NDF :5.5/1

Out: -9.832+/-0.586 χ^2/NDF :32.2/2

All: -6.083+/-0.421 χ^2/NDF : 122.7/4

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 64.024 ± 0.502 $\chi^2/\text{NDF}: 160.0/2$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 64.125 ± 0.644 $\chi^2/\text{NDF}: 409.8/1$

Left: 64.062 ± 0.396 $\chi^2/\text{NDF}: 569.8/4$

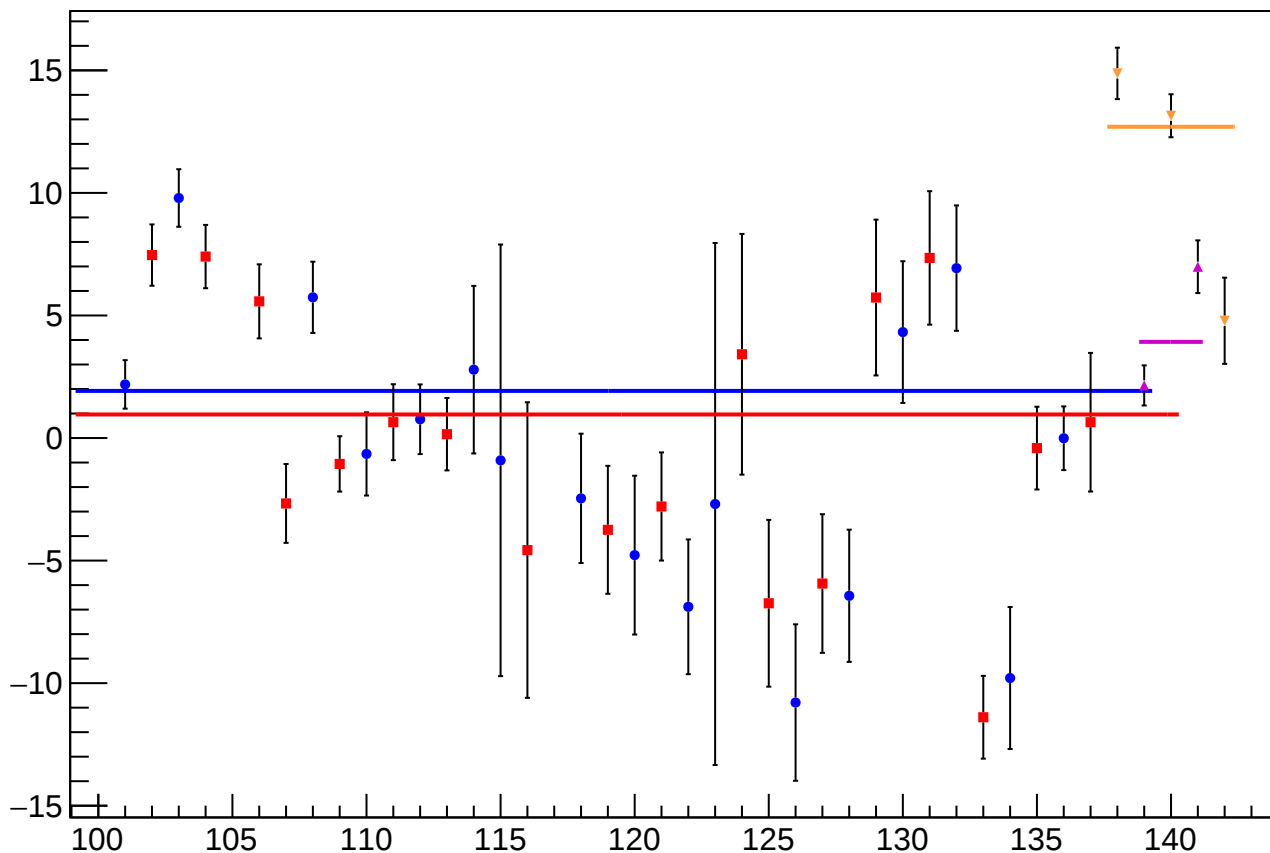
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 61.059 ± 0.243 $\chi^2/\text{NDF}: 1367.2/18$

Out: 60.213 ± 0.223 $\chi^2/\text{NDF}: 1506.5/20$

All: 60.600 ± 0.164 $\chi^2/\text{NDF}: 2880.3/39$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 $\pm$ 0.458 χ^2 /NDF: 121.1/16

Left Out: 12.699 $\pm$ 0.629 χ^2 /NDF:24.8/2

Right Out: 0.962 $\pm$ 0.430 χ^2 /NDF: 150.1/17

Left In: 3.924 $\pm$ 0.651 χ^2 /NDF:12.8/1

Left: 8.468 $\pm$ 0.452 χ^2 /NDF: 131.7/4

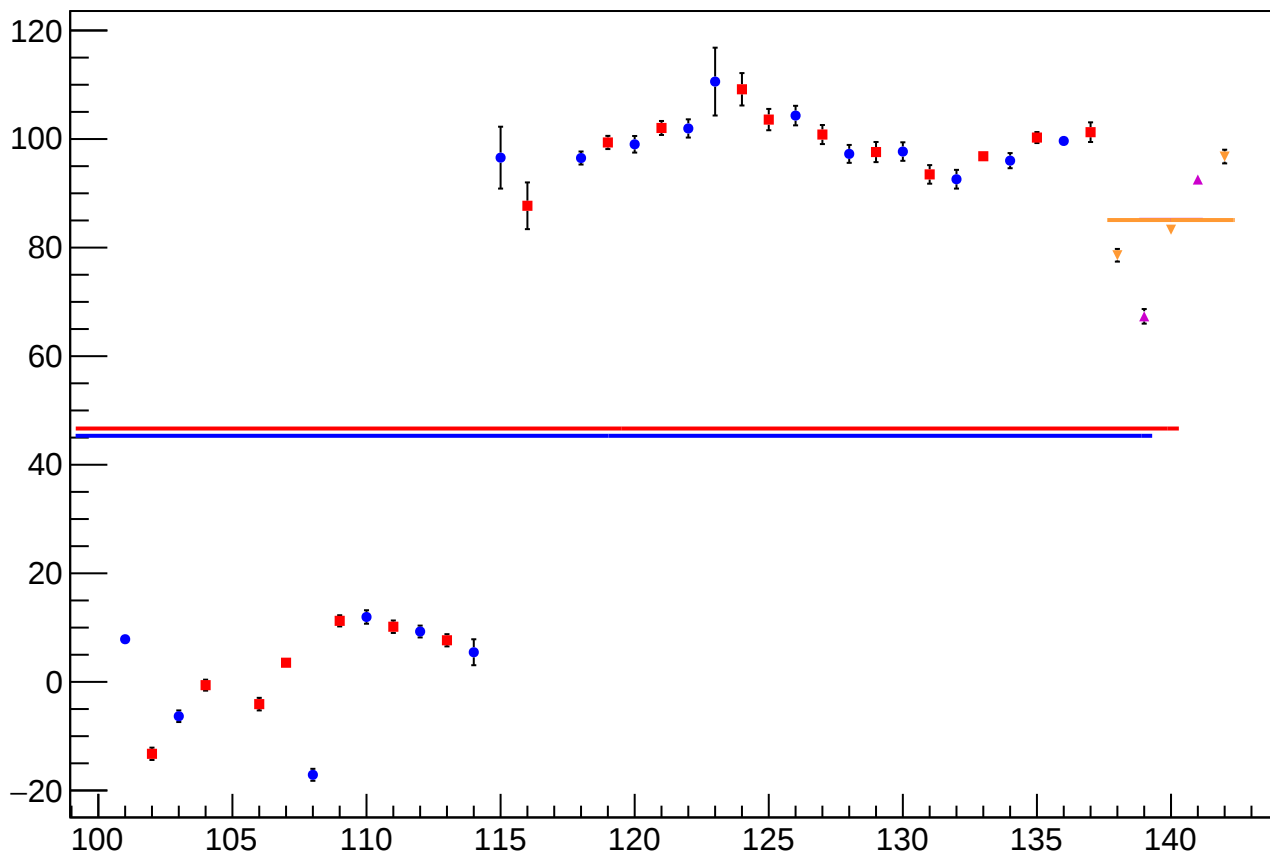
Right: 1.411 $\pm$ 0.313 χ^2 /NDF: 273.5/34

In: 2.585 $\pm$ 0.375 χ^2 /NDF:140.2/18

Out: 4.700 $\pm$ 0.355 χ^2 /NDF:412.6/20

All: 3.701 $\pm$ 0.258 χ^2 /NDF: 569.6/39

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.079+/-0.594 χ^2/NDF :121.6/2

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 85.111+/-0.731 χ^2/NDF :247.0/1

Left: 85.092+/-0.461 χ^2/NDF : 368.6/4

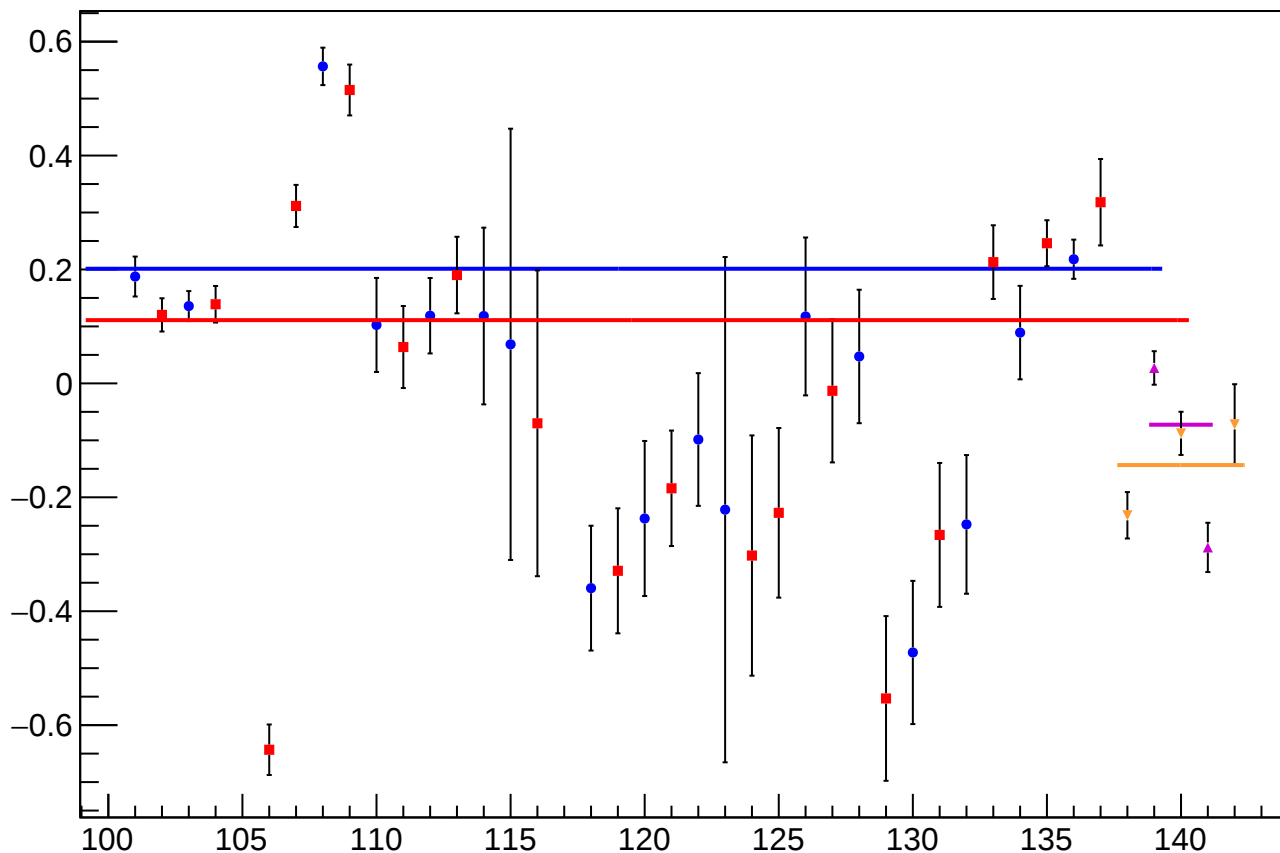
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 51.182+/-0.280 χ^2/NDF :27778.9/18

Out: 54.090+/-0.261 χ^2/NDF :31387.7/20

All: 52.739+/-0.191 χ^2/NDF : 59224.3/39

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.143 ± 0.026 $\chi^2/\text{NDF}: 7.9/2$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.073 ± 0.024 $\chi^2/\text{NDF}: 36.3/1$

Left: -0.106 ± 0.018 $\chi^2/\text{NDF}: 48.1/4$

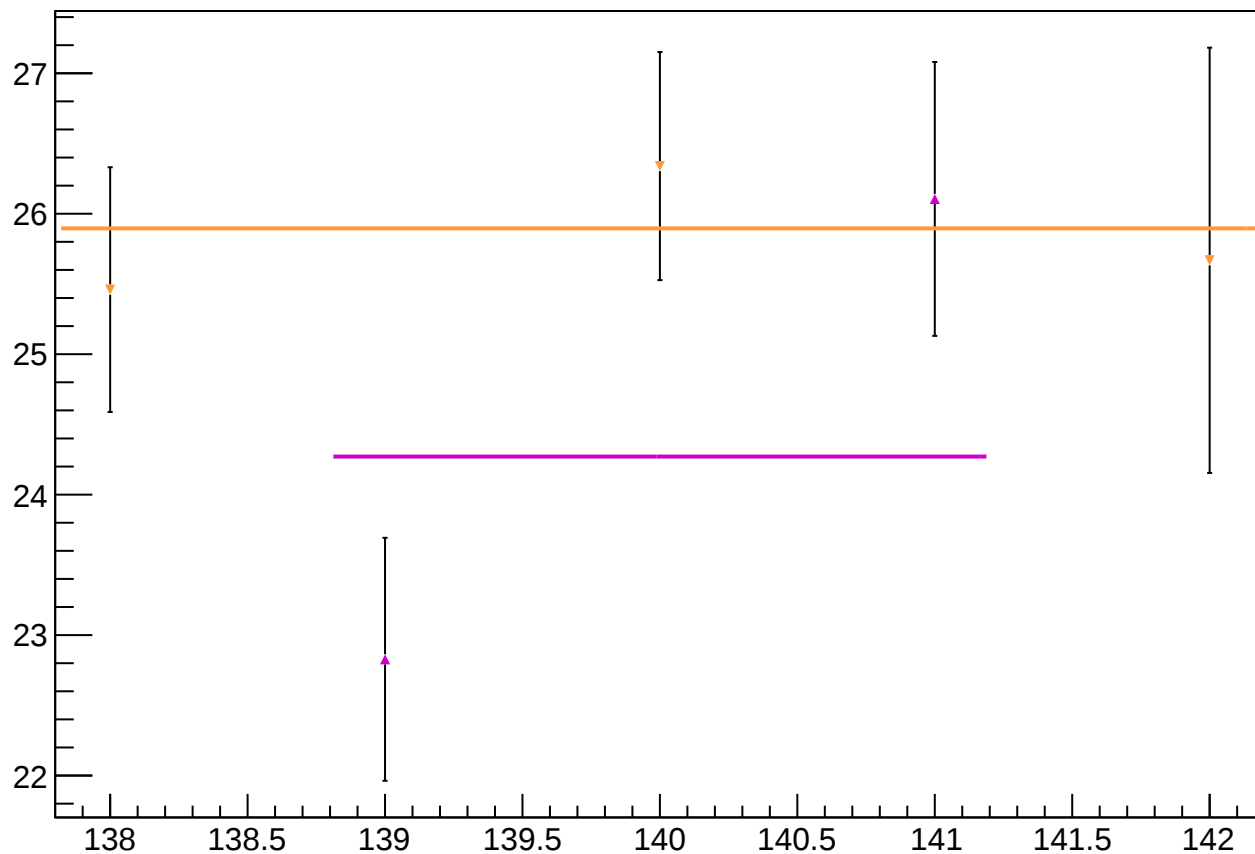
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: 0.133 ± 0.012 $\chi^2/\text{NDF}: 348.6/18$

Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 574.6/20$

All: 0.094 ± 0.008 $\chi^2/\text{NDF}: 942.5/39$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.896+/-0.553 χ^2/NDF : 0.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.271+/-0.647 χ^2/NDF : 6.3/1

Left: 25.210+/-0.420 χ^2/NDF : 10.5/4

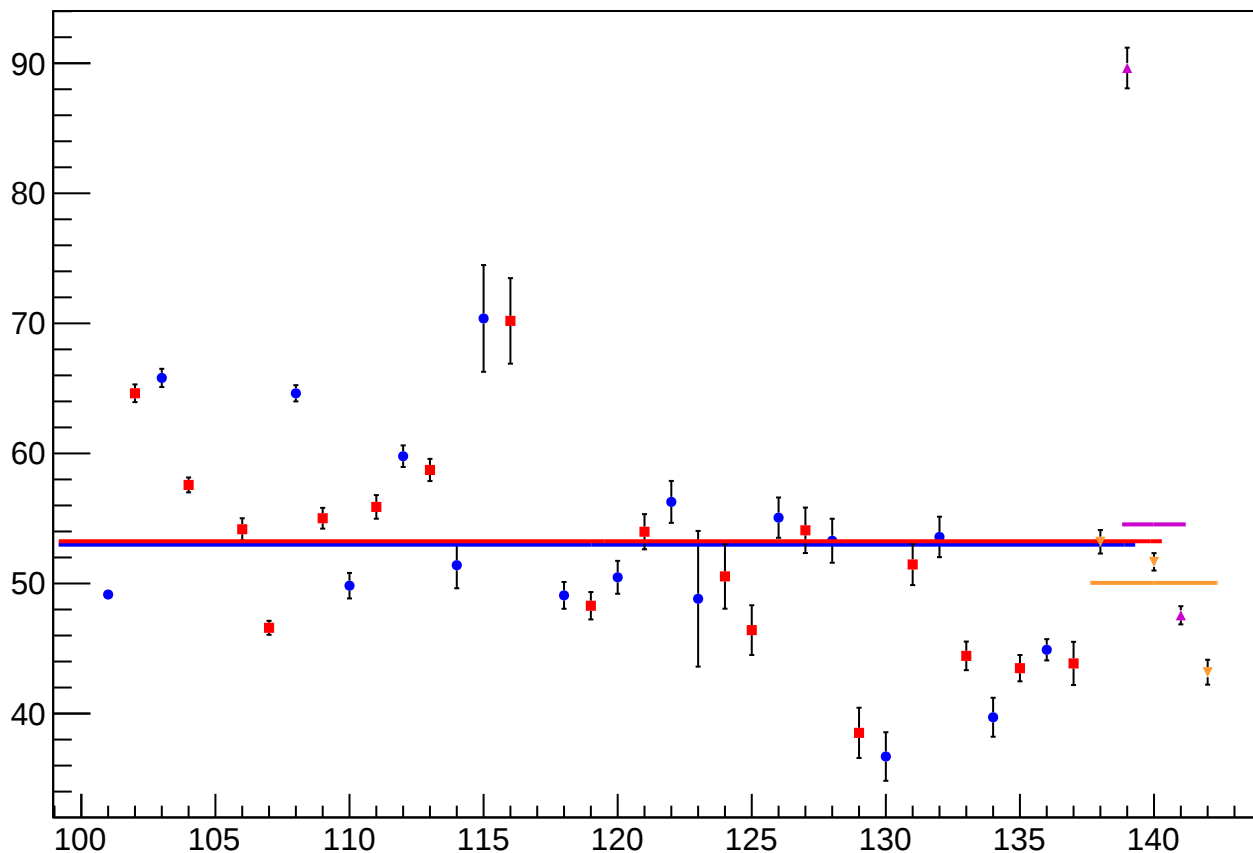
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.271+/-0.647 χ^2/NDF : 6.3/1

Out: 25.896+/-0.553 χ^2/NDF : 0.6/2

All: 25.210+/-0.420 χ^2/NDF : 10.5/4

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 50.048 $\pm$ 0.469 χ^2 /NDF: 69.4/2

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 54.543 $\pm$ 0.637 χ^2 /NDF: 604.3/1

Left: 51.629 $\pm$ 0.378 χ^2 /NDF: 705.9/4

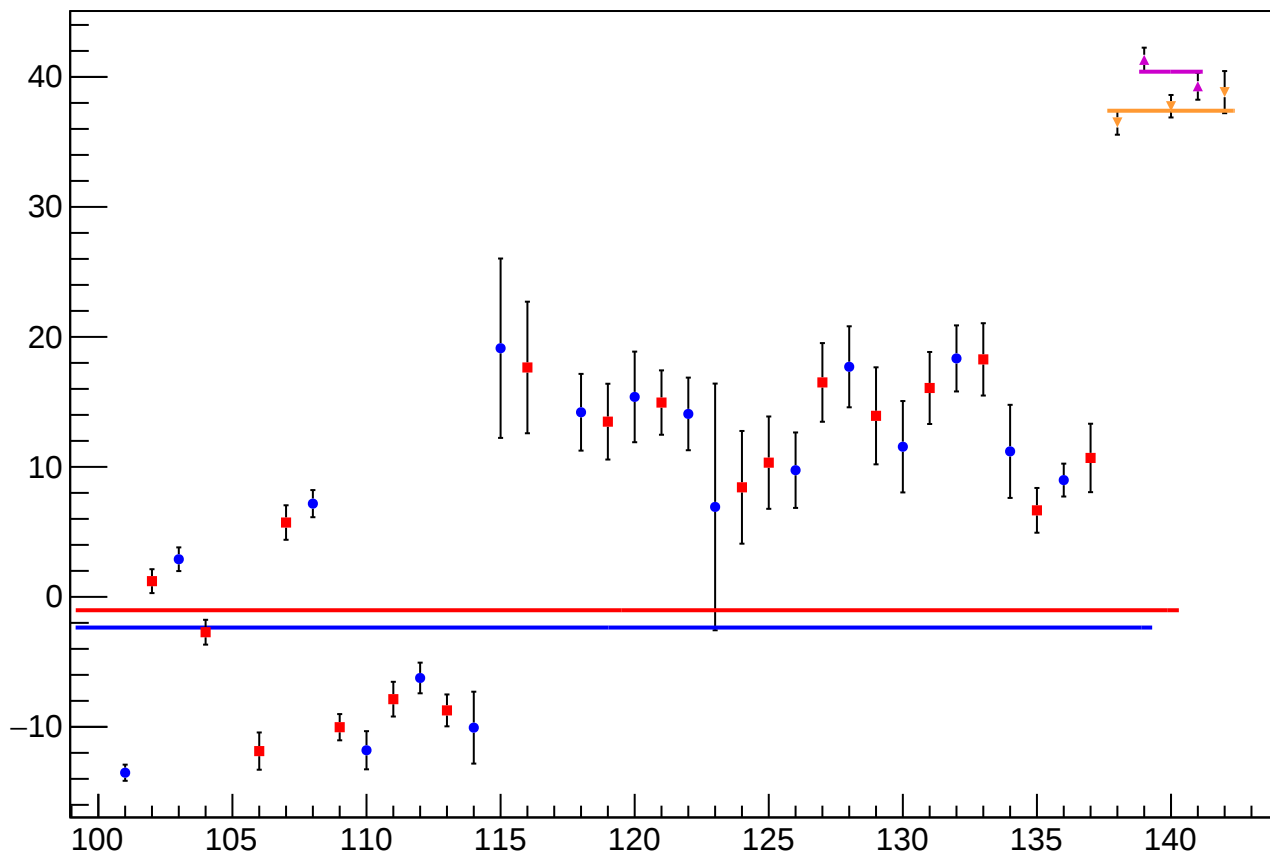
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 53.138 $\pm$ 0.200 χ^2 /NDF: 1807.6/18

Out: 52.639 $\pm$ 0.205 χ^2 /NDF: 963.4/20

All: 52.895 $\pm$ 0.143 χ^2 /NDF: 2774.1/39

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 37.400 ± 0.594 $\chi^2/\text{NDF}: 1.8/2$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 40.402 ± 0.695 $\chi^2/\text{NDF}: 2.1/1$

Left: 38.667 ± 0.451 $\chi^2/\text{NDF}: 14.8/4$

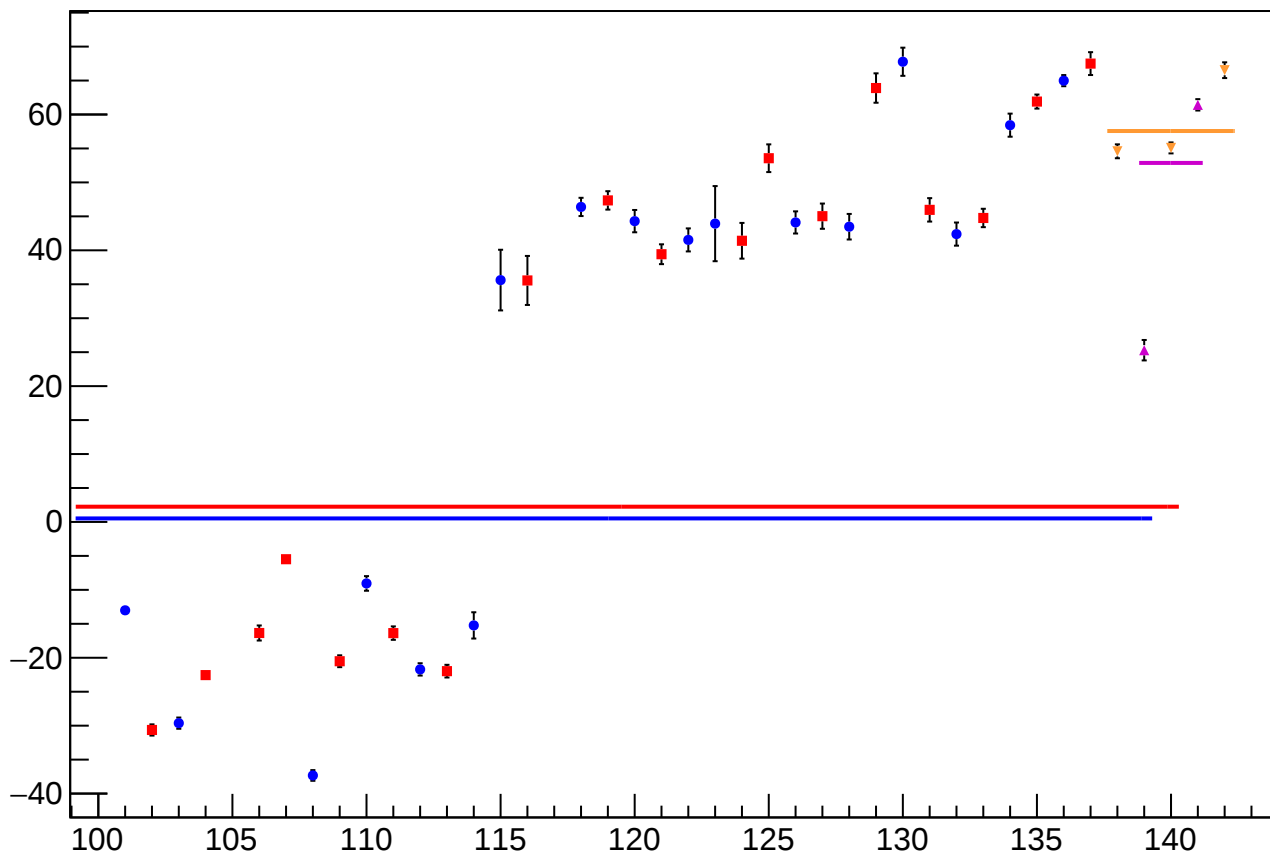
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 6.854 ± 0.323 $\chi^2/\text{NDF}: 3811.3/18$

Out: 10.151 ± 0.320 $\chi^2/\text{NDF}: 3480.8/20$

All: 8.514 ± 0.227 $\chi^2/\text{NDF}: 7344.7/39$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 57.568 $\pm$ 0.557 χ^2 /NDF: 77.6/2

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 52.869 $\pm$ 0.732 χ^2 /NDF: 439.8/1

Left: 55.848 $\pm$ 0.443 χ^2 /NDF: 543.5/4

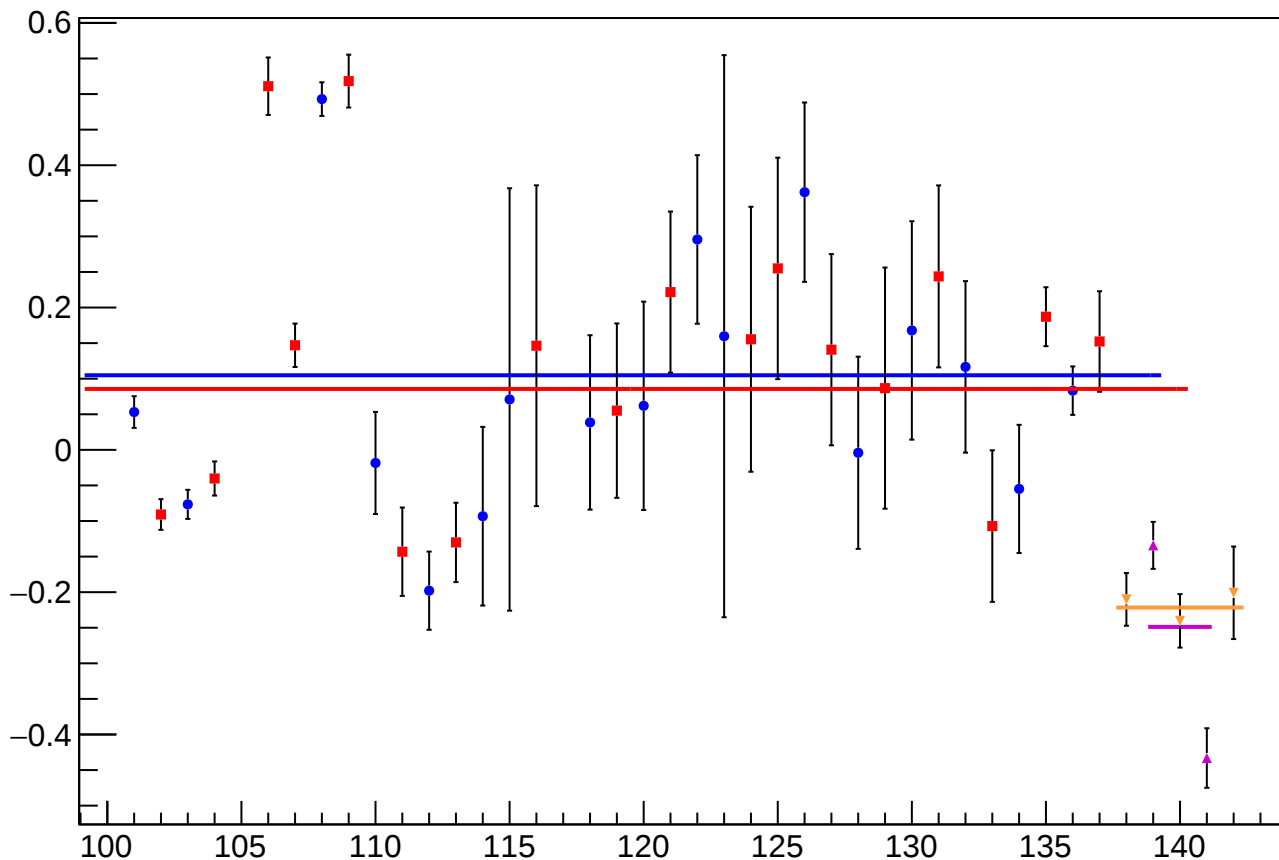
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 5.861 $\pm$ 0.234 χ^2 /NDF: 23413.0/18

Out: 12.622 $\pm$ 0.241 χ^2 /NDF: 23482.4/20

All: 9.141 $\pm$ 0.168 χ^2 /NDF: 47300.6/39

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.222 ± 0.024 χ^2/NDF : 0.4/2

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.249 ± 0.026 χ^2/NDF : 31.4/1

Left: -0.234 ± 0.018 χ^2/NDF : 32.5/4

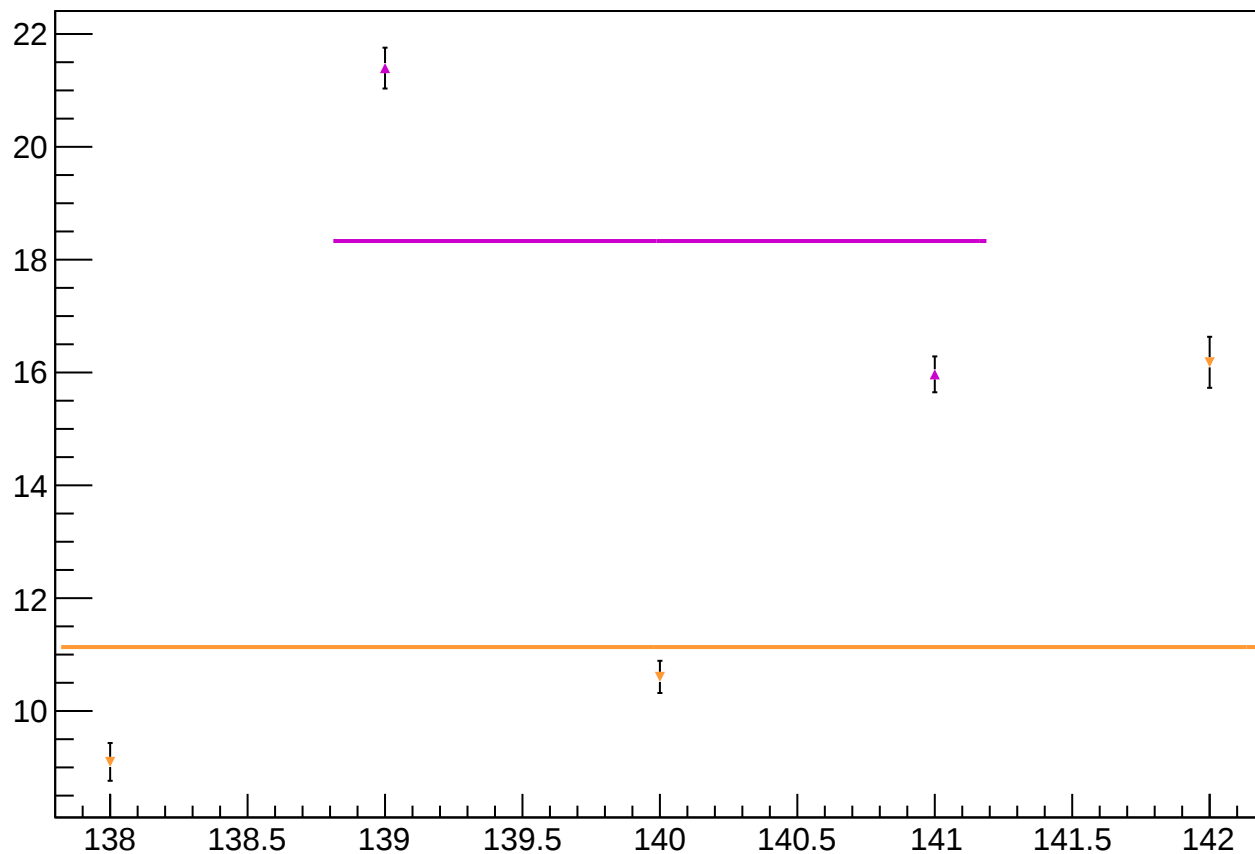
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: 0.051 ± 0.010 χ^2/NDF : 589.9/18

Out: 0.033 ± 0.010 χ^2/NDF : 519.9/20

All: 0.042 ± 0.007 χ^2/NDF : 1111.2/39

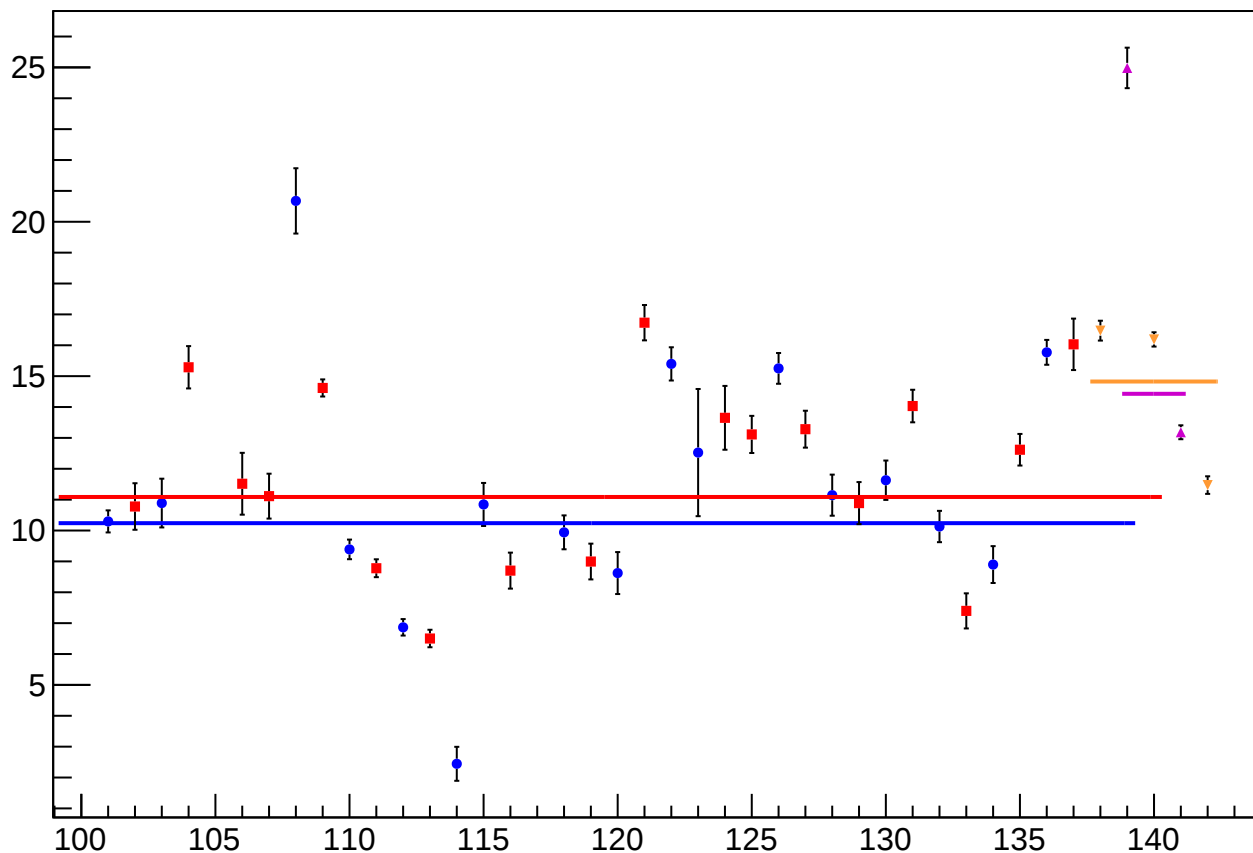
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.133+/-0.196 χ^2/NDF :165.0/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.331+/-0.239 χ^2/NDF :126.9/1

Left: 14.024+/-0.151 χ^2/NDF : 835.0/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.331+/-0.239 χ^2/NDF :126.9/1
 Out: 11.133+/-0.196 χ^2/NDF :165.0/2
 All: 14.024+/-0.151 χ^2/NDF : 835.0/4

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 14.826 $\pm$ 0.157 χ^2 /NDF:199.7/2

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 14.428 $\pm$ 0.213 χ^2 /NDF:289.5/1

Left: 14.686 $\pm$ 0.126 χ^2 /NDF: 491.5/4

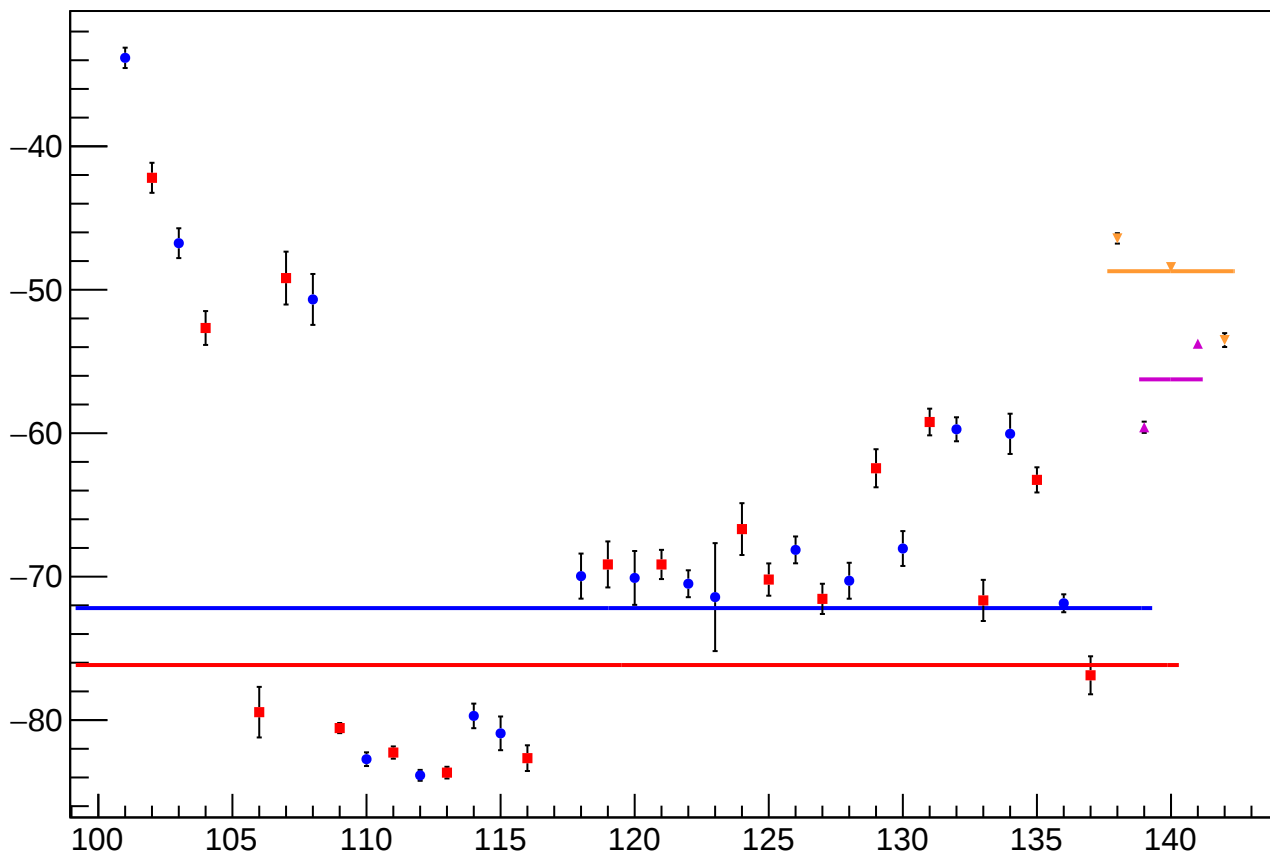
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 11.236 $\pm$ 0.104 χ^2 /NDF:1451.4/18

Out: 12.416 $\pm$ 0.093 χ^2 /NDF:1367.3/20

All: 11.889 $\pm$ 0.070 χ^2 /NDF: 2889.8/39

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -48.707 ± 0.210 $\chi^2/\text{NDF}: 139.0/2$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

Left: -51.738 ± 0.162 $\chi^2/\text{NDF}: 784.8/4$

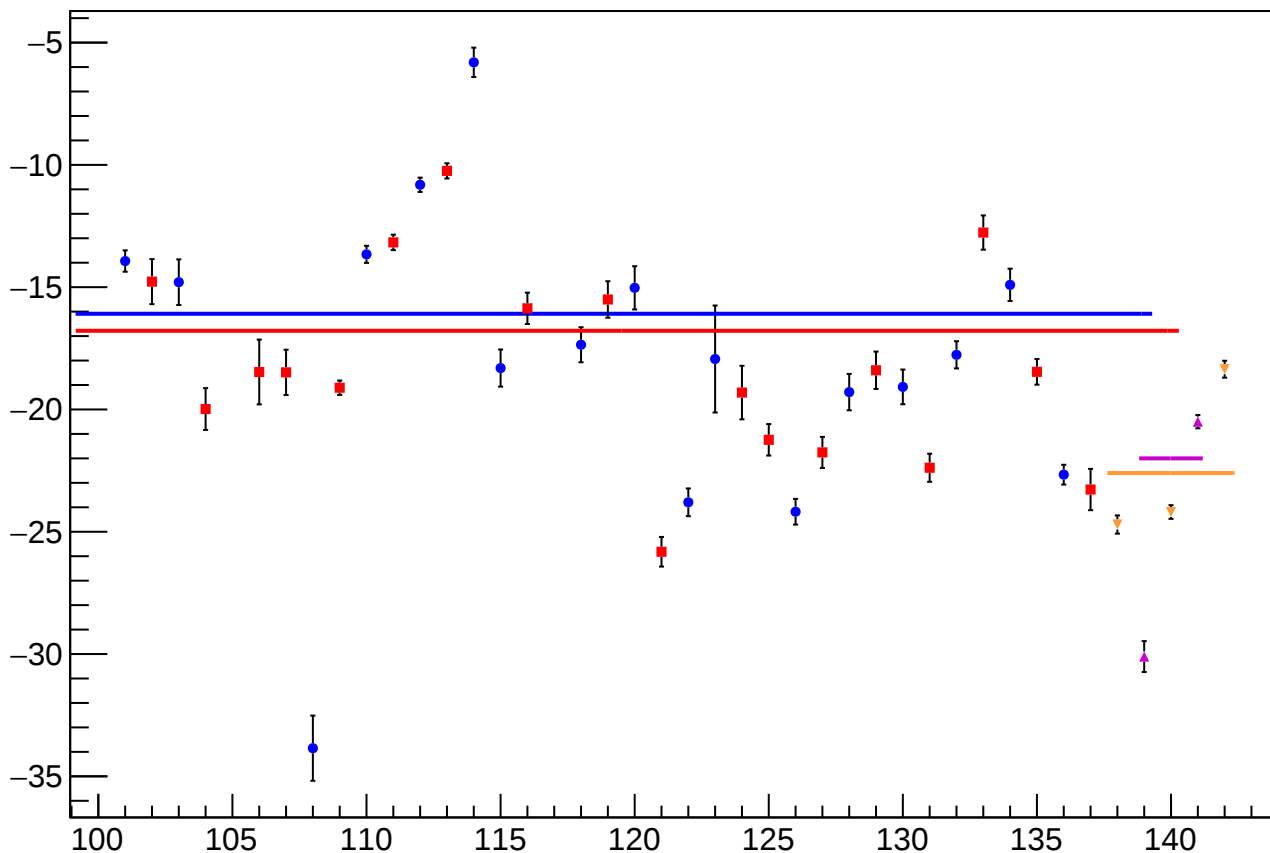
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -66.217 ± 0.157 $\chi^2/\text{NDF}: 8116.5/18$

Out: -64.432 ± 0.137 $\chi^2/\text{NDF}: 13166.2/20$

All: -65.207 ± 0.103 $\chi^2/\text{NDF}: 21356.1/39$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -22.599 ± 0.188 χ^2/NDF : 215.2/2

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -22.000 ± 0.250 χ^2/NDF : 195.0/1

Left: -22.383 ± 0.150 χ^2/NDF : 413.9/4

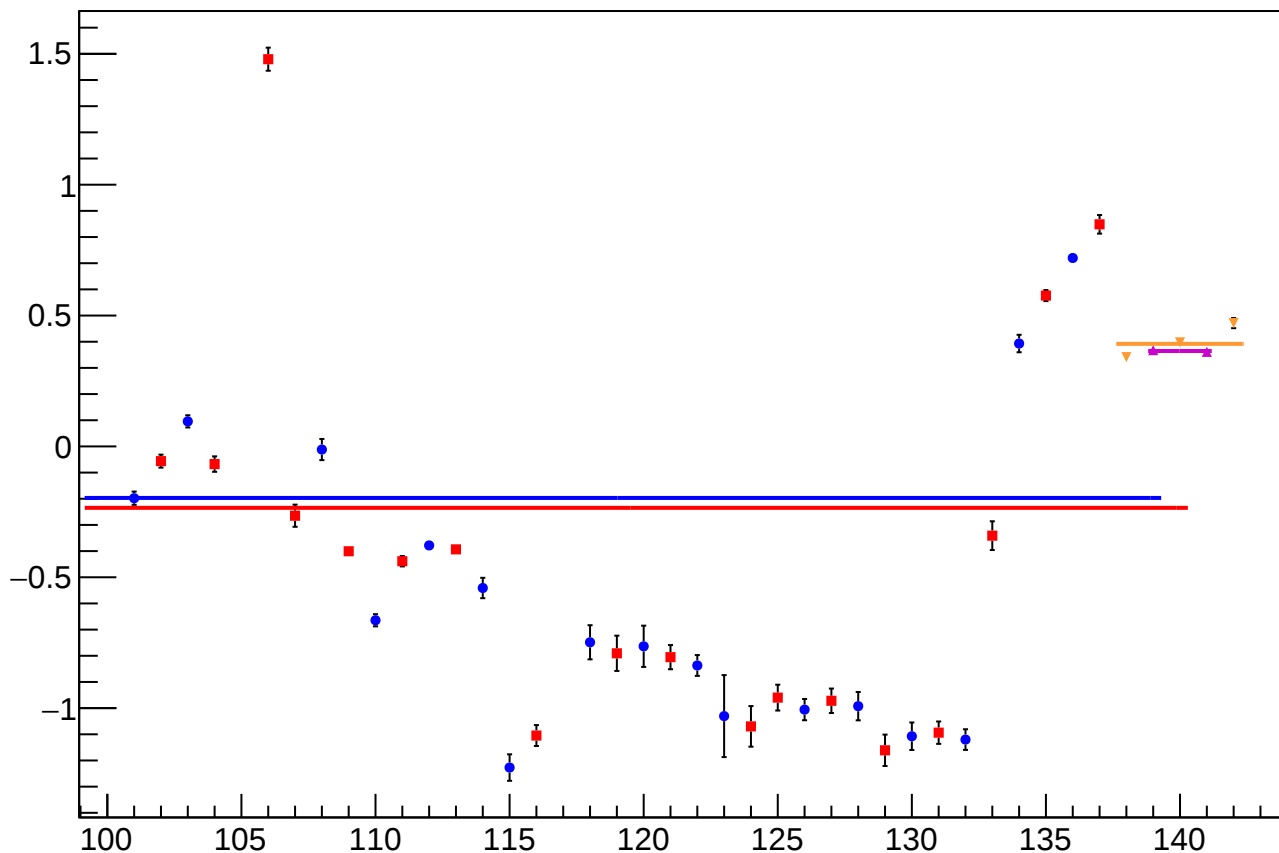
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.384 ± 0.117 χ^2/NDF : 2254.3/18

Out: -18.632 ± 0.106 χ^2/NDF : 2073.4/20

All: -18.070 ± 0.079 χ^2/NDF : 4390.2/39

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.392 ± 0.009 χ^2/NDF : 29.2/2

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.365 ± 0.010 χ^2/NDF : 0.1/1

Left: 0.380 ± 0.006 χ^2/NDF : 33.6/4

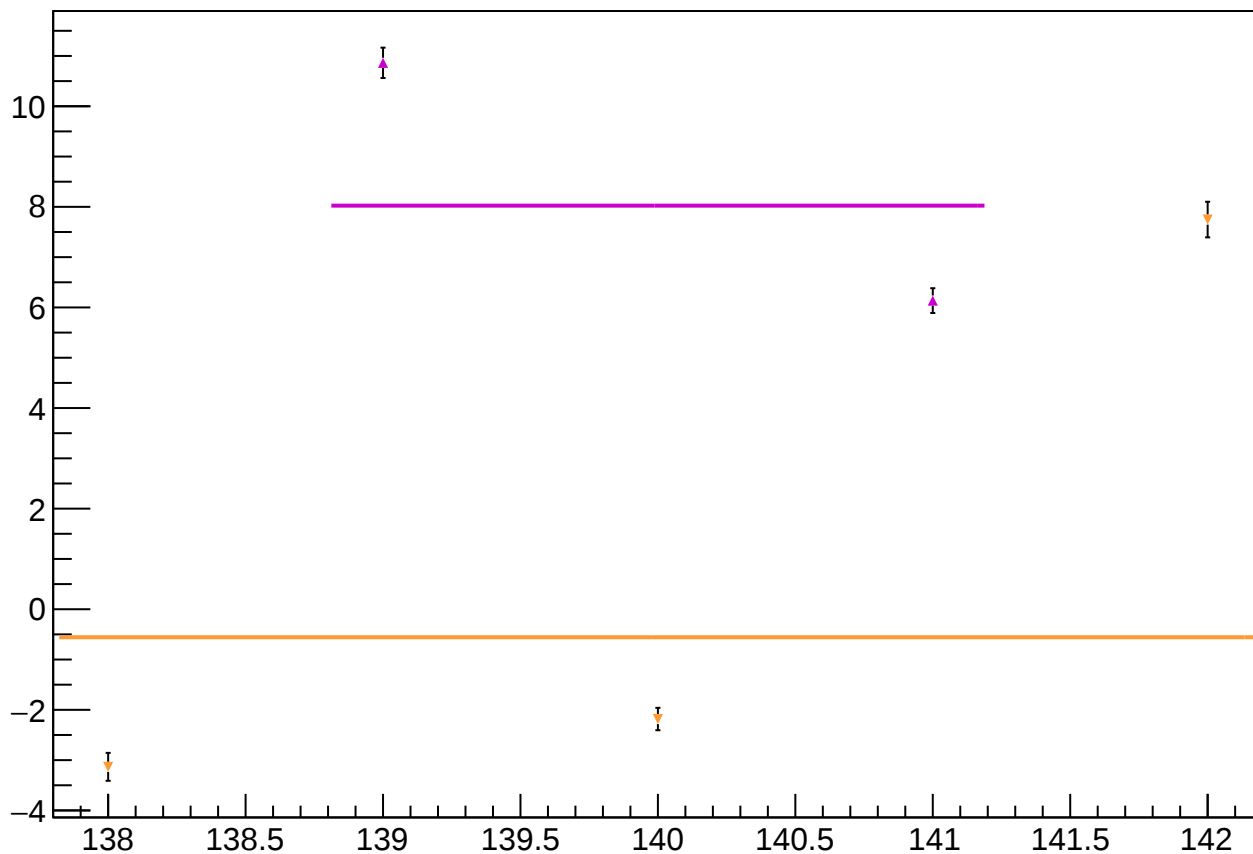
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: 0.019 ± 0.006 χ^2/NDF : 9305.6/20

All: 0.017 ± 0.004 χ^2/NDF : 17716.1/39

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.557+/-0.156 χ^2/NDF : 689.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Left: 2.881+/-0.121 χ^2/NDF : 2049.5/4

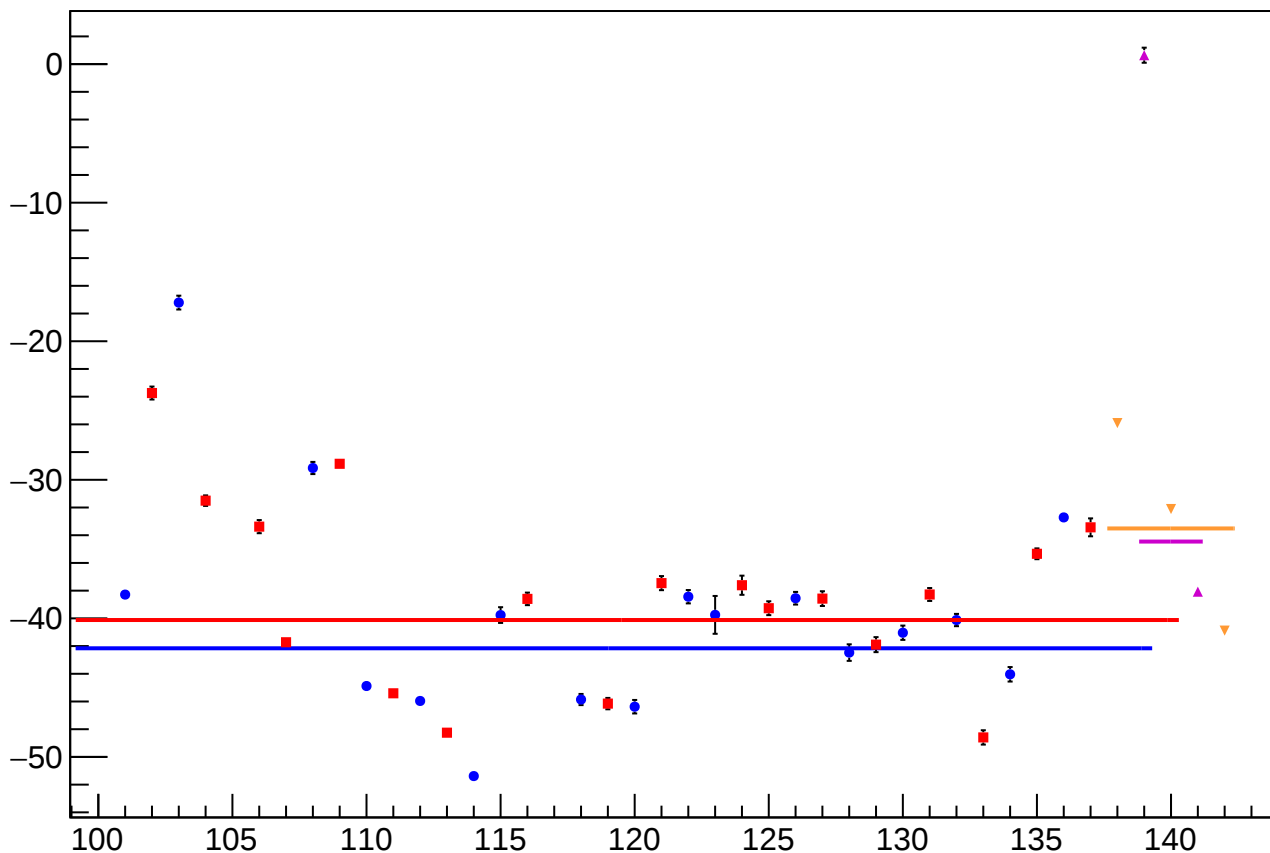
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Out: -0.557+/-0.156 χ^2/NDF : 689.5/2

All: 2.881+/-0.121 χ^2/NDF : 2049.5/4

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -33.511 ± 0.125 χ^2/NDF : 1947.0/2

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -34.458 ± 0.166 χ^2/NDF : 4581.9/1

Left: -33.851 ± 0.100 χ^2/NDF : 6549.6/4

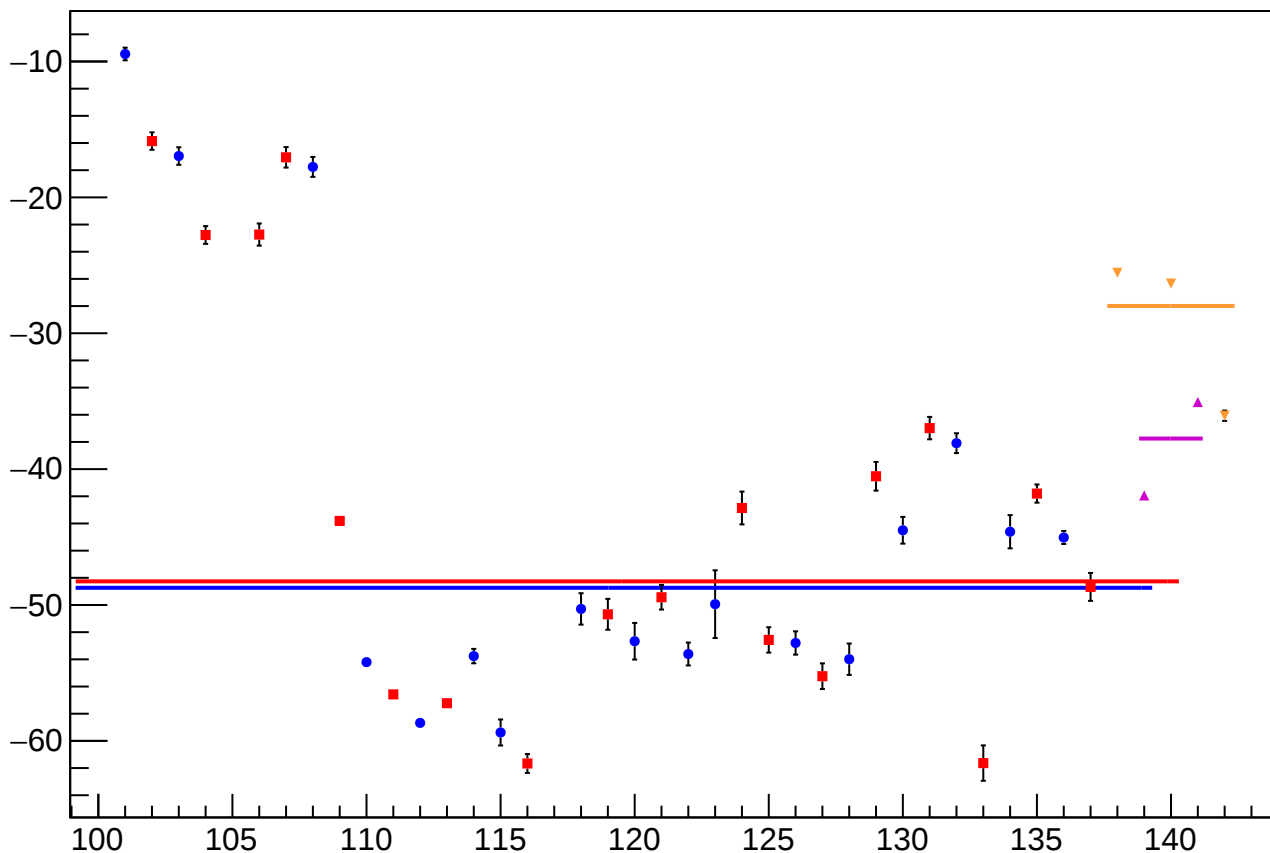
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -40.775 ± 0.071 χ^2/NDF : 12909.2/18

Out: -38.437 ± 0.063 χ^2/NDF : 14926.6/20

All: -39.473 ± 0.047 χ^2/NDF : 28447.6/39

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -27.992 ± 0.167 $\chi^2/\text{NDF}: 568.5/2$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -37.749 ± 0.204 $\chi^2/\text{NDF}: 269.5/1$

Left: -31.904 ± 0.129 $\chi^2/\text{NDF}: 2204.4/4$

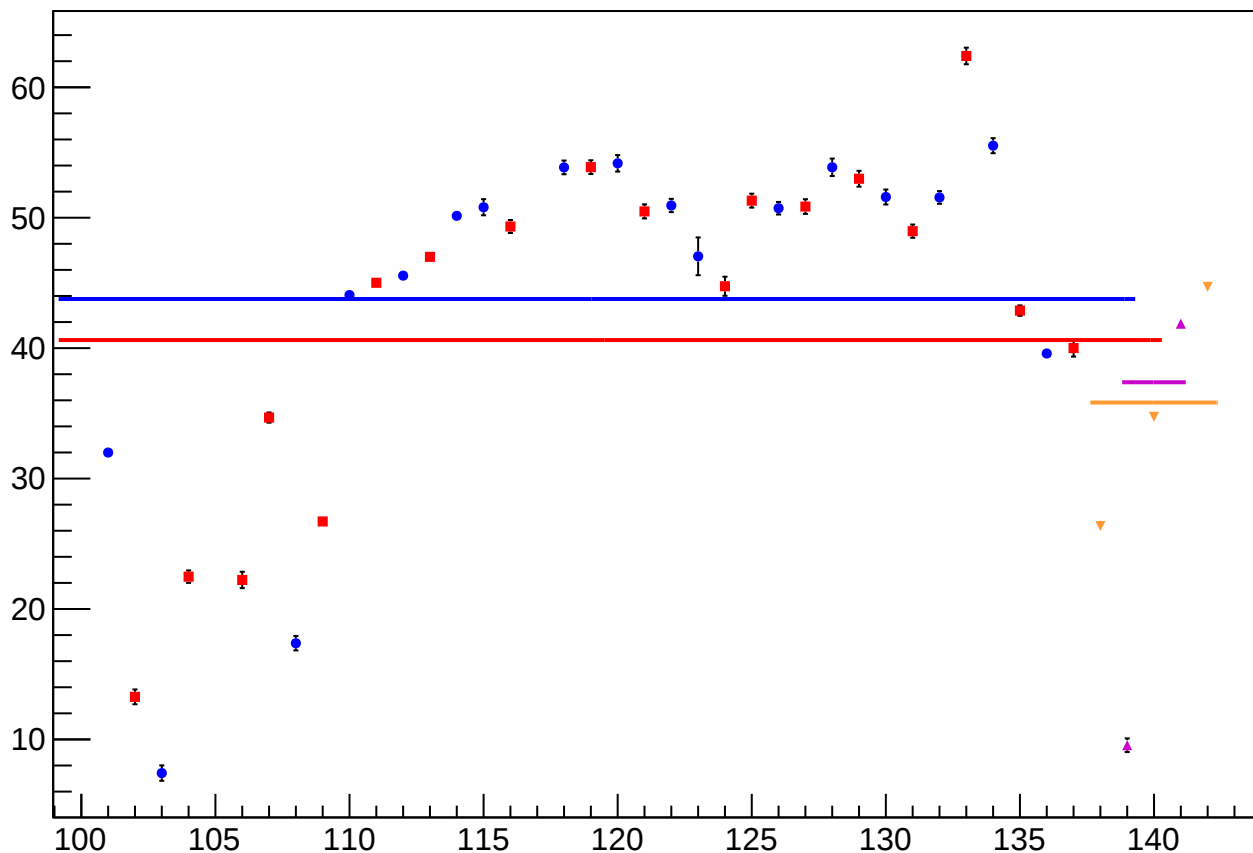
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -45.753 ± 0.106 $\chi^2/\text{NDF}: 17034.7/18$

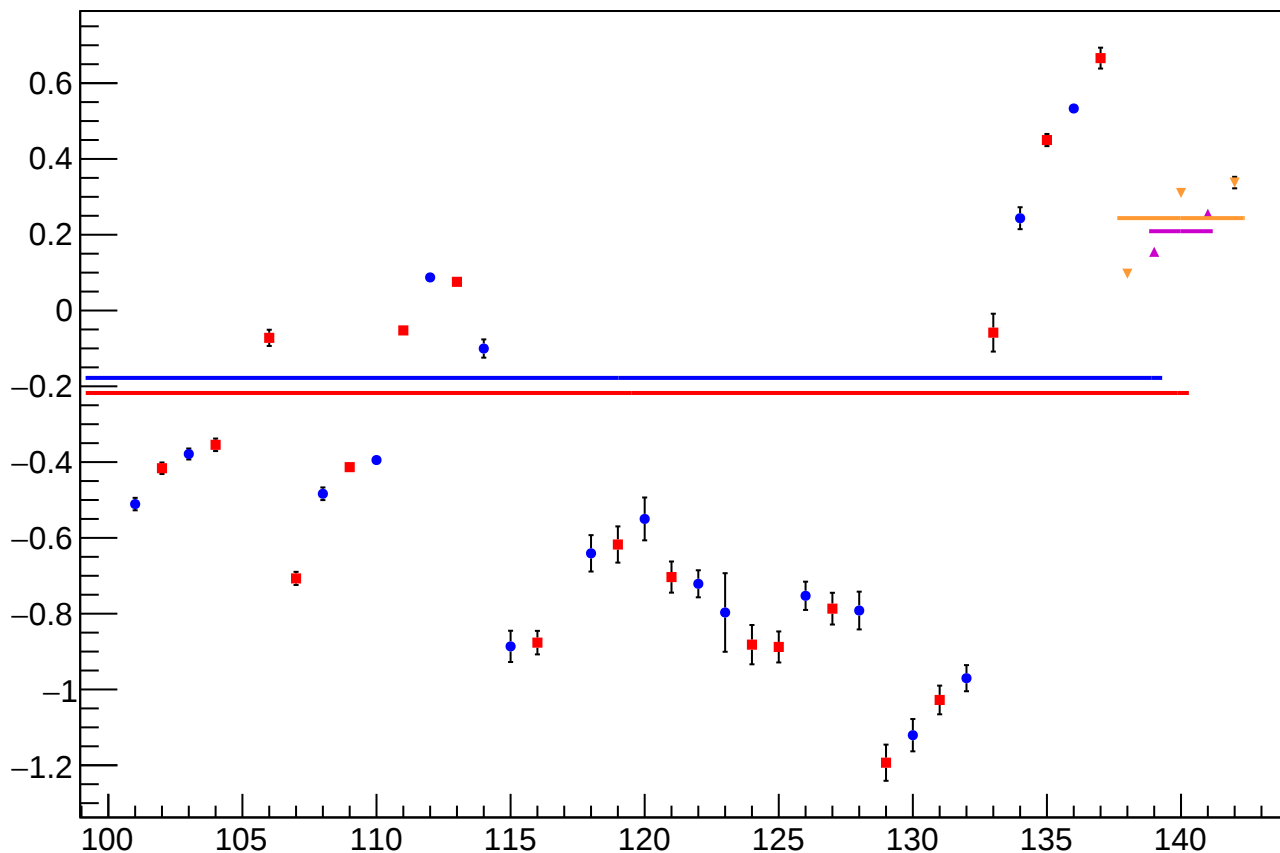
Out: -42.335 ± 0.090 $\chi^2/\text{NDF}: 22066.2/20$

All: -43.767 ± 0.069 $\chi^2/\text{NDF}: 39700.3/39$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.244 ± 0.007 χ^2/NDF : 230.0/2

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.209 ± 0.008 χ^2/NDF : 41.3/1

Left: 0.229 ± 0.005 χ^2/NDF : 282.3/4

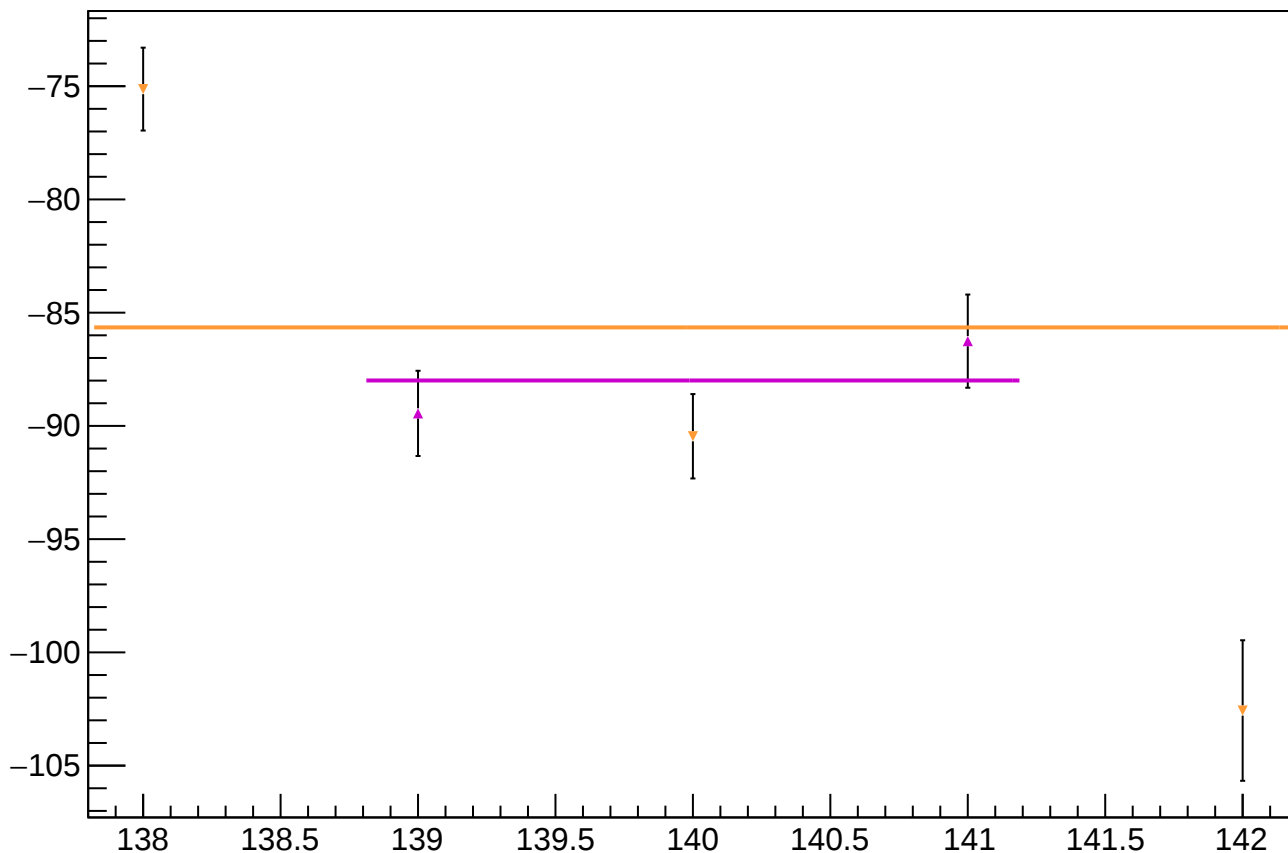
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.089 ± 0.004 χ^2/NDF : 10868.8/20

All: -0.081 ± 0.003 χ^2/NDF : 20071.9/39

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -85.651+/-1.203 χ^2/NDF : 69.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.995+/-1.388 χ^2/NDF : 1.3/1

Left: -86.656+/-0.909 χ^2/NDF : 72.4/4

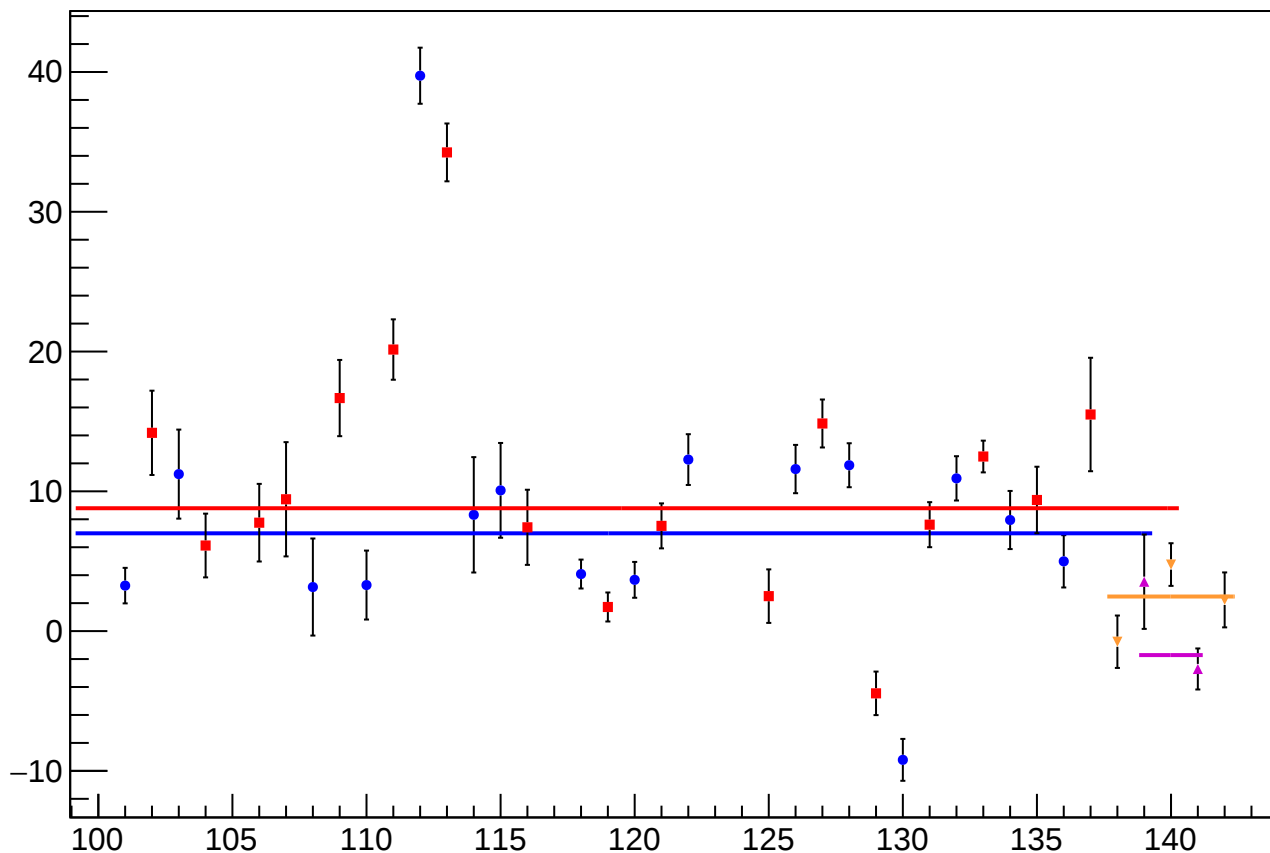
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.995+/-1.388 χ^2/NDF : 1.3/1

Out: -85.651+/-1.203 χ^2/NDF : 69.4/2

All: -86.656+/-0.909 χ^2/NDF : 72.4/4

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.474 ± 1.014 $\chi^2/\text{NDF}: 5.2/2$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: -1.716 ± 1.346 $\chi^2/\text{NDF}: 2.9/1$

Left: 0.958 ± 0.810 $\chi^2/\text{NDF}: 14.3/4$

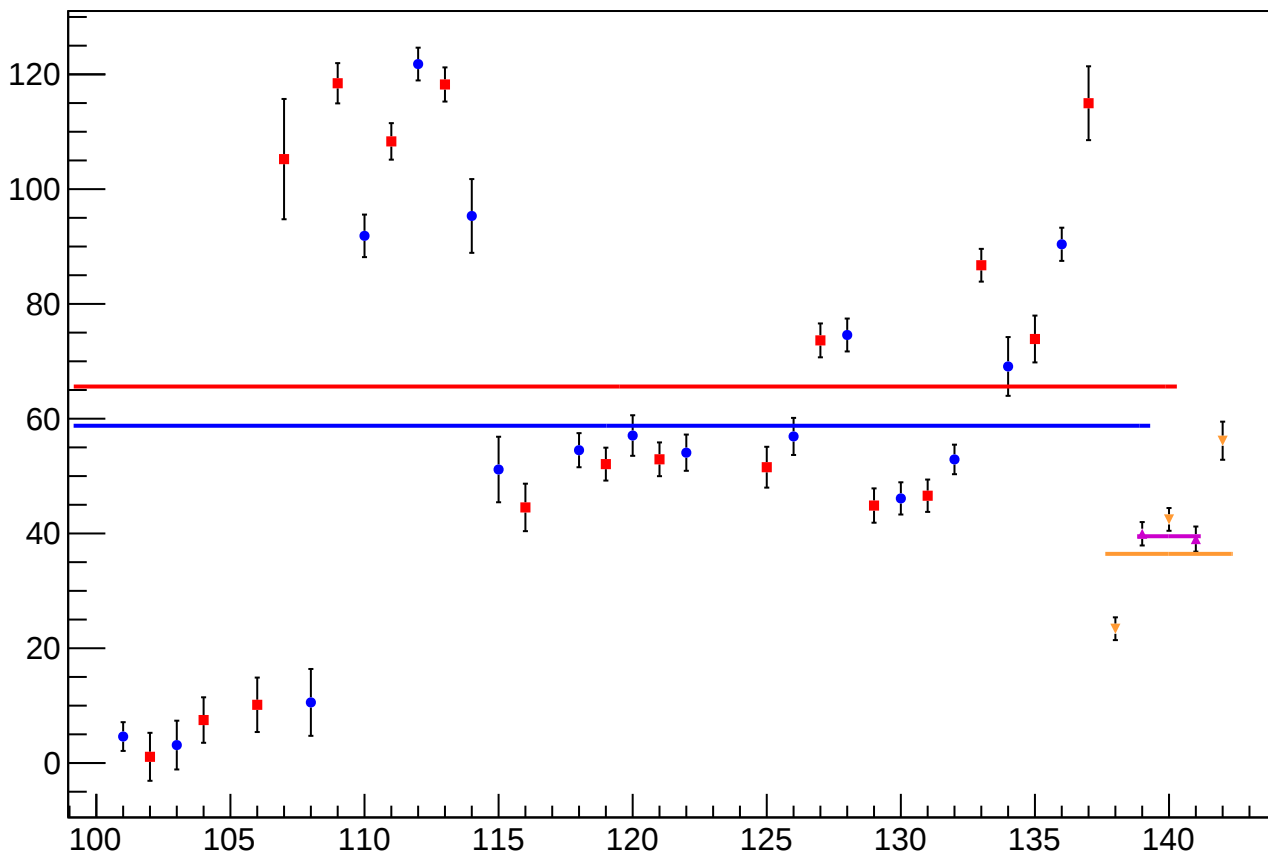
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 6.175 ± 0.413 $\chi^2/\text{NDF}: 486.1/17$

Out: 7.752 ± 0.411 $\chi^2/\text{NDF}: 386.5/19$

All: 6.968 ± 0.291 $\chi^2/\text{NDF}: 880.0/37$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 36.447 $\pm$ 1.292 χ^2 /NDF:87.6/2

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 39.519 $\pm$ 1.491 χ^2 /NDF:0.1/1

Left: 37.764 $\pm$ 0.977 χ^2 /NDF: 90.1/4

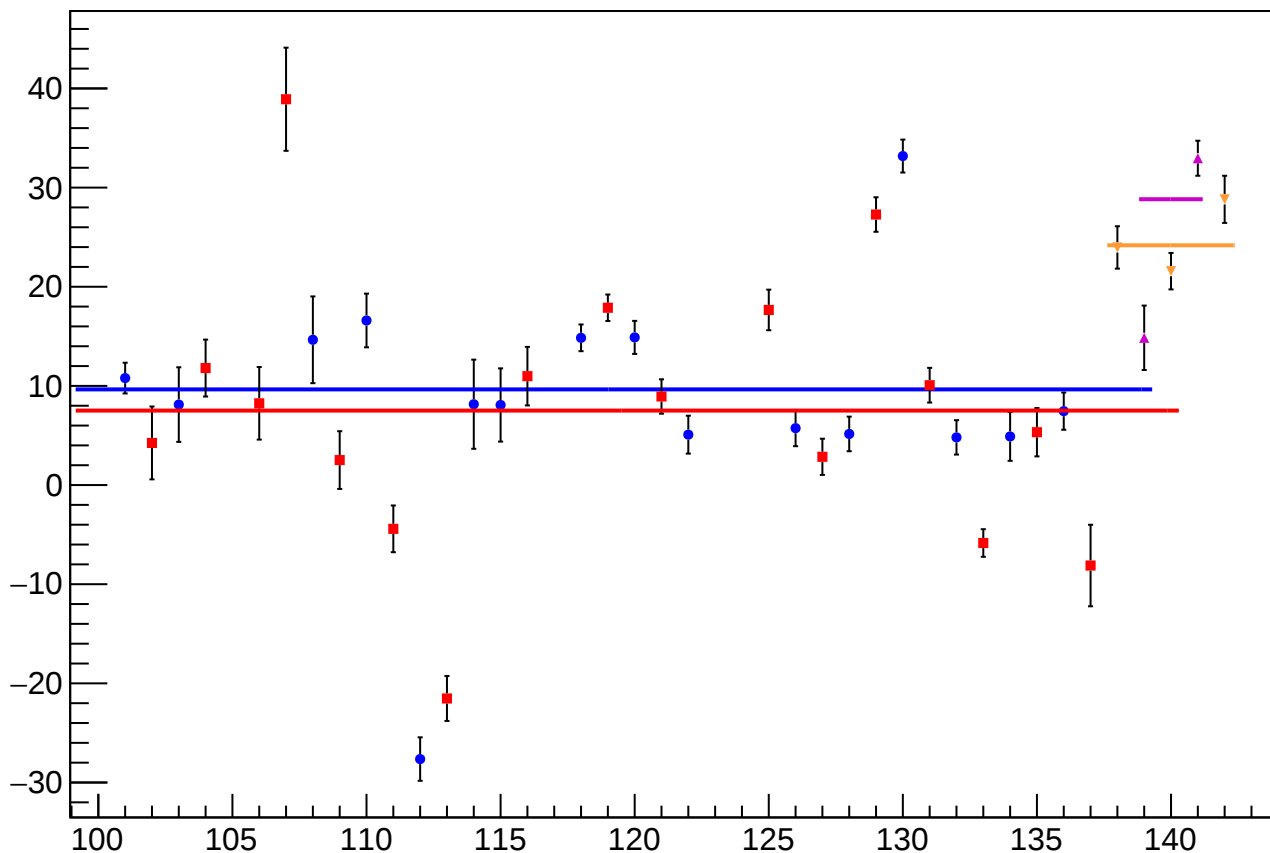
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 56.877 $\pm$ 0.707 χ^2 /NDF:2069.7/19

All: 55.573 $\pm$ 0.507 χ^2 /NDF: 3697.1/37

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 24.183 ± 1.203 $\chi^2/\text{NDF}: 5.8/2$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 28.829 ± 1.552 $\chi^2/\text{NDF}: 24.0/1$

Left: 25.927 ± 0.951 $\chi^2/\text{NDF}: 35.4/4$

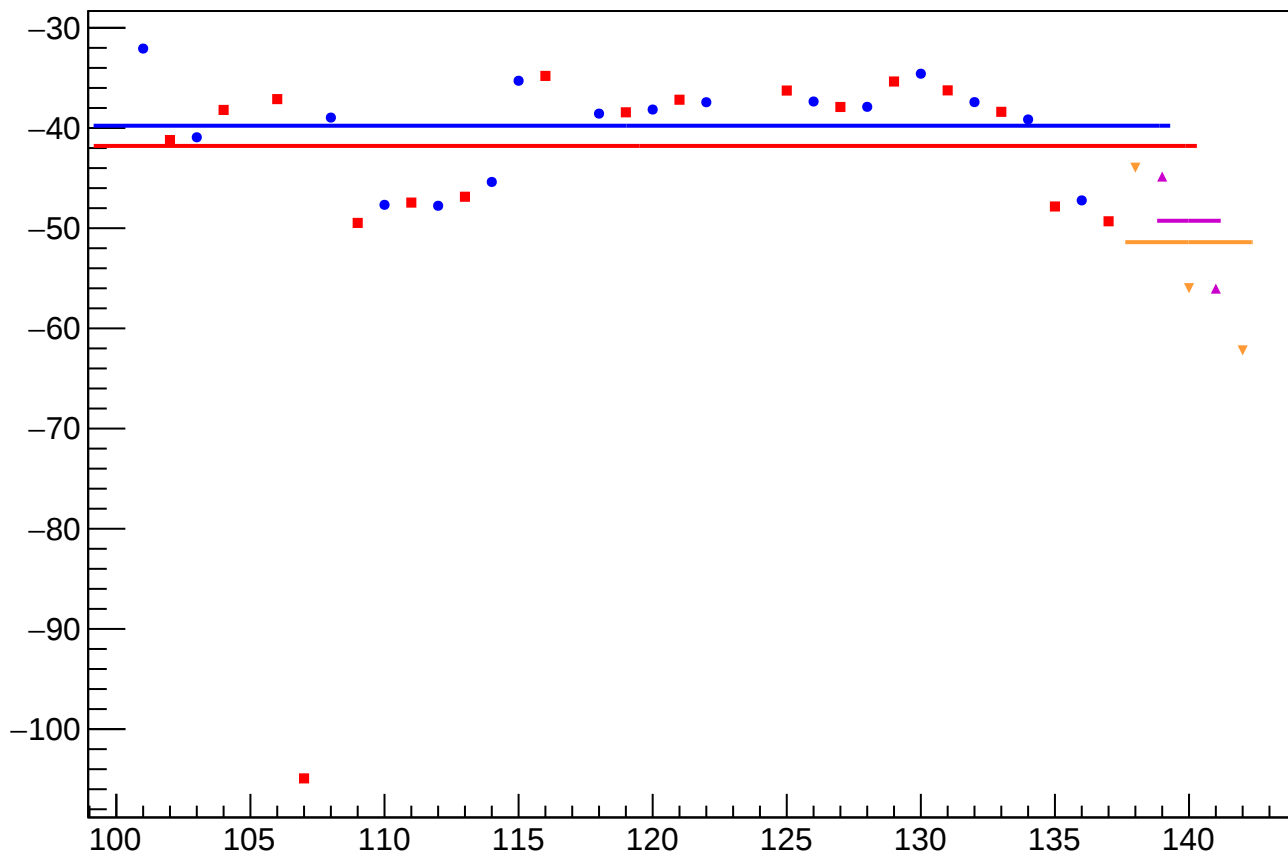
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 11.466 ± 0.478 $\chi^2/\text{NDF}: 715.9/17$

Out: 10.107 ± 0.475 $\chi^2/\text{NDF}: 732.4/19$

All: 10.782 ± 0.337 $\chi^2/\text{NDF}: 1452.3/37$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -51.394 $\pm$ 0.053 χ^2 /NDF:18446.1/2

Right Out: -41.787 $\pm$ 0.031 χ^2 /NDF: 93008.7/16

Left In: -49.258 $\pm$ 0.056 χ^2 /NDF:9676.5/1

Left: -50.373 $\pm$ 0.038 χ^2 /NDF: 28893.8/4

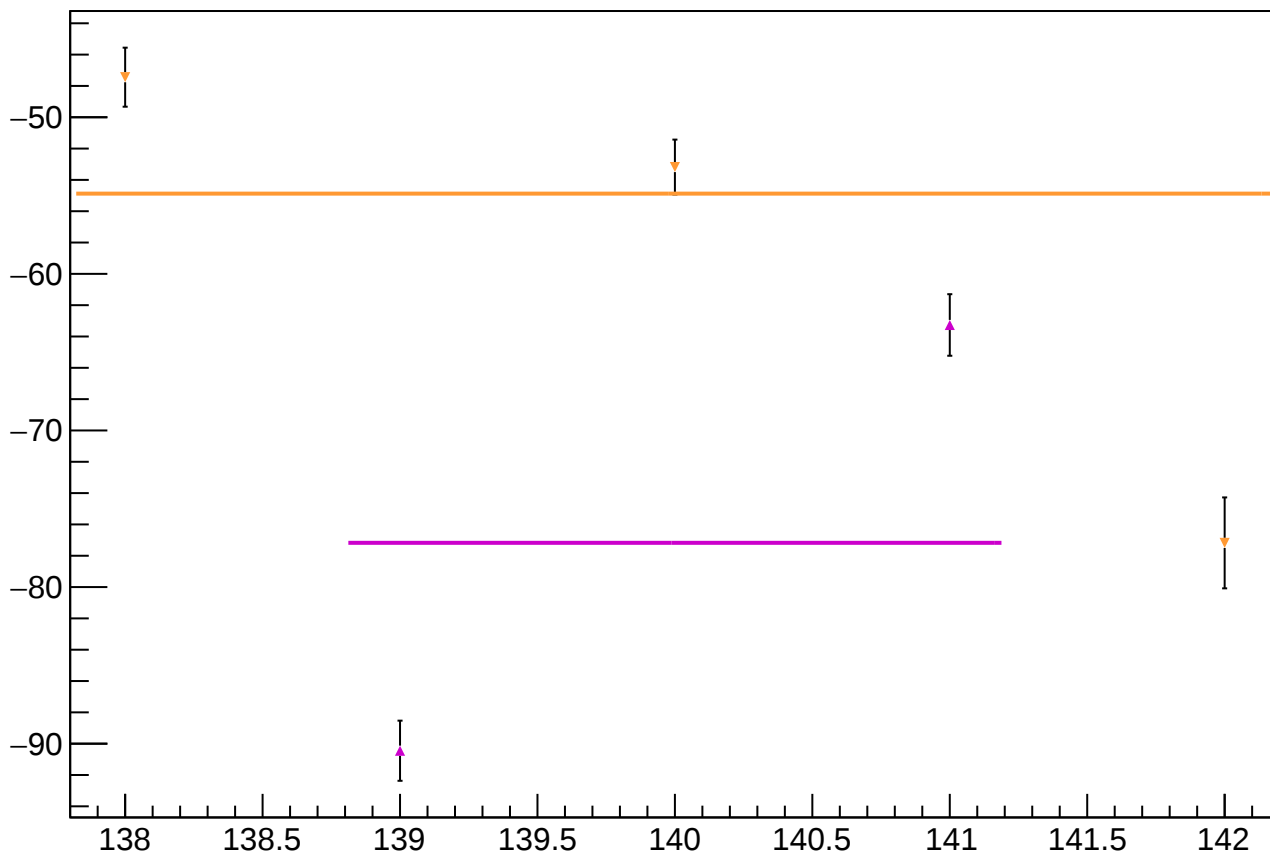
Right: -40.769 $\pm$ 0.022 χ^2 /NDF: 121265.0/32

In: -42.034 $\pm$ 0.027 χ^2 /NDF:58040.4/17

Out: -44.271 $\pm$ 0.027 χ^2 /NDF:135655.1/19

All: -43.157 $\pm$ 0.019 χ^2 /NDF: 197105.7/37

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.877+/-1.174 χ^2/NDF : 75.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Left: -64.288+/-0.892 χ^2/NDF : 325.7/4

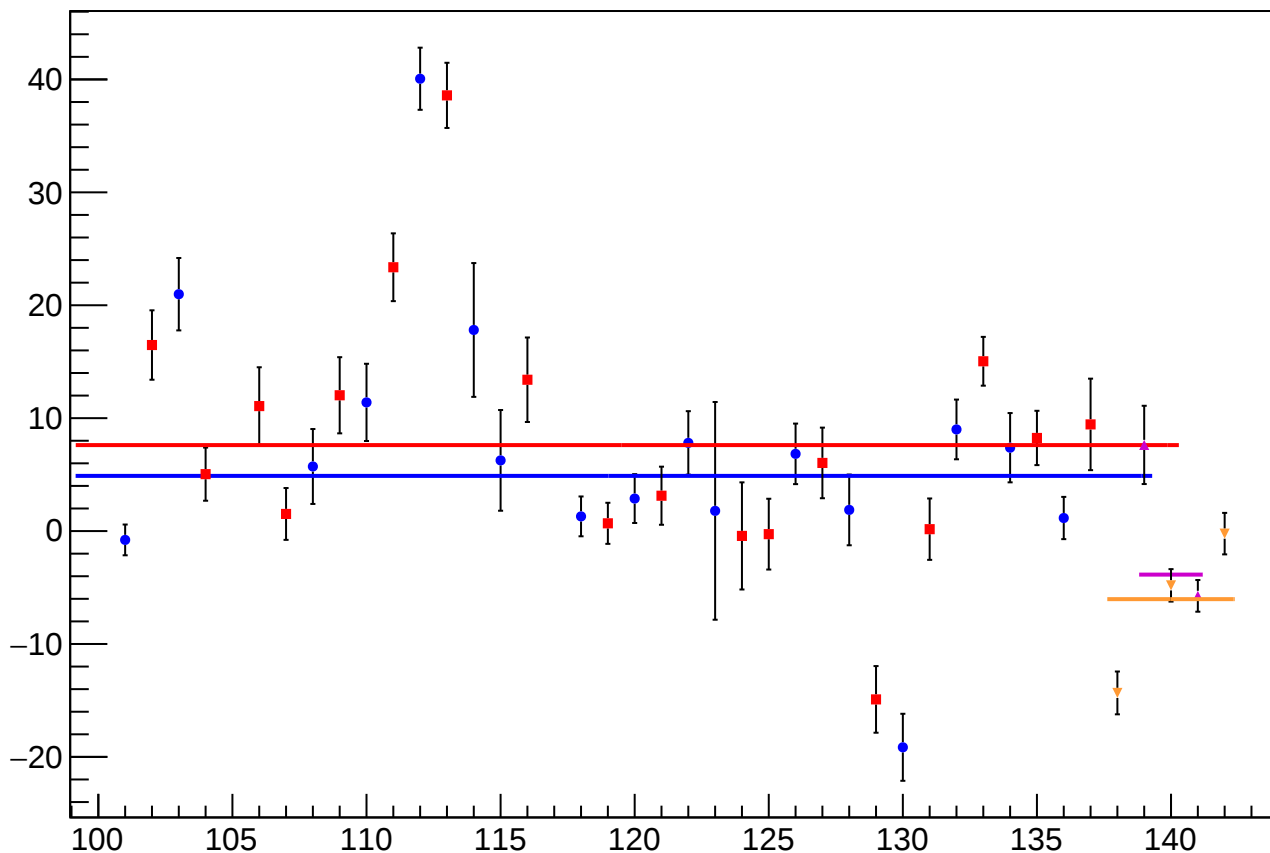
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Out: -54.877+/-1.174 χ^2/NDF : 75.5/2

All: -64.288+/-0.892 χ^2/NDF : 325.7/4

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: -6.029 ± 0.972 χ^2/NDF : 29.9/2

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: -3.856 ± 1.301 χ^2/NDF : 12.8/1

Left: -5.250 ± 0.779 χ^2/NDF : 44.5/4

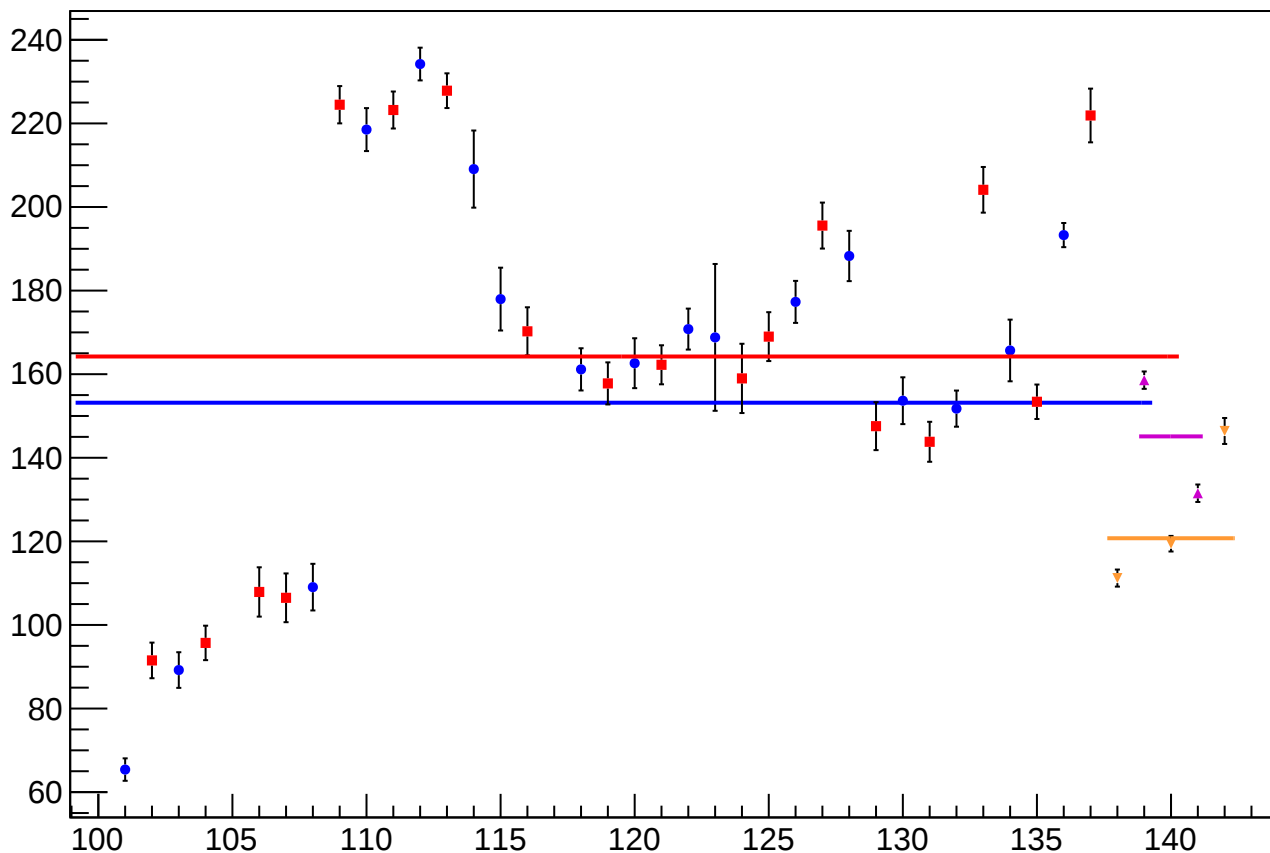
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.261 ± 0.561 χ^2/NDF : 344.3/18

Out: 3.379 ± 0.542 χ^2/NDF : 434.9/20

All: 3.322 ± 0.390 χ^2/NDF : 779.2/39

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 +/- 1.146 χ^2/NDF : 2264.3/16

Left Out: 120.746 +/- 1.260 χ^2/NDF : 90.5/2

Right Out: 164.232 +/- 1.183 χ^2/NDF : 1554.8/17

Left In: 145.116 +/- 1.474 χ^2/NDF : 84.3/1

Left: 131.034 +/- 0.957 χ^2/NDF : 332.8/4

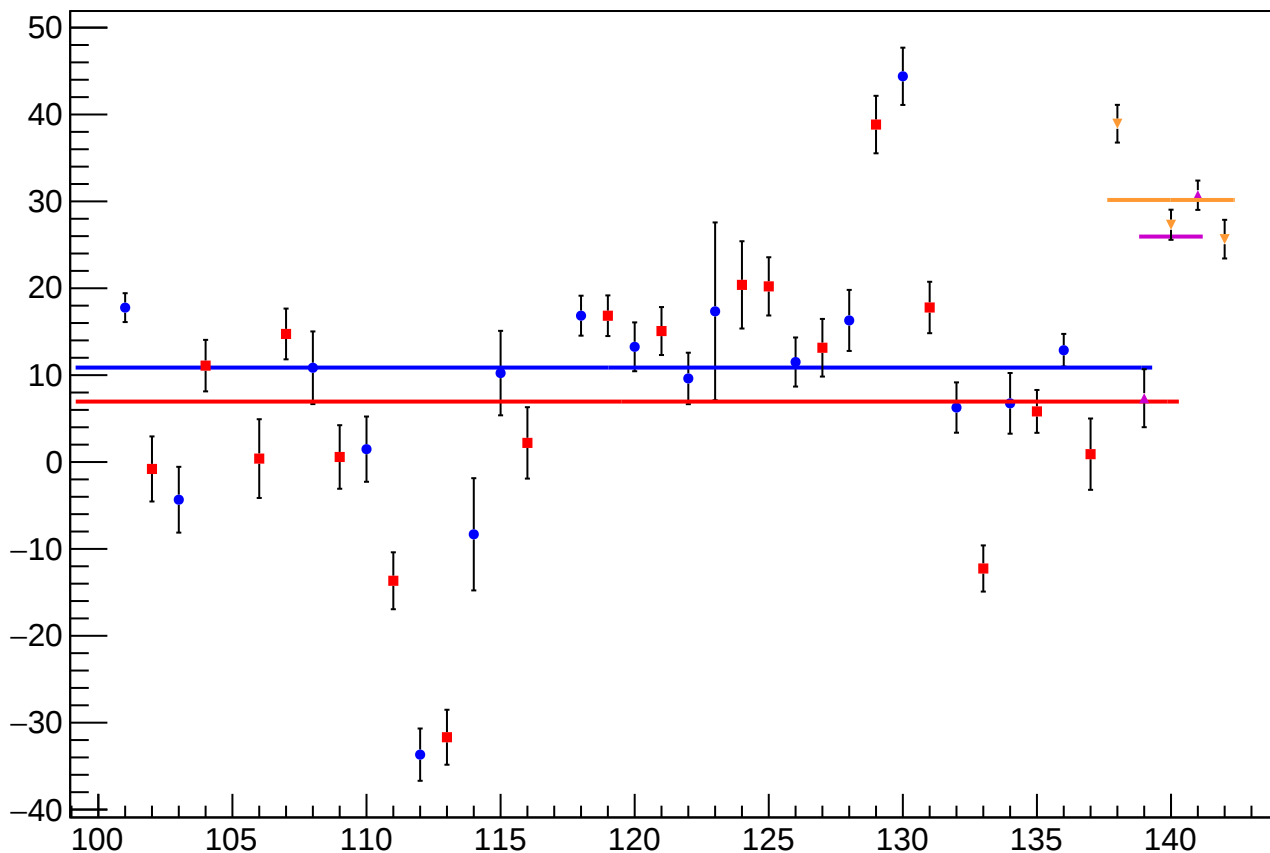
Right: 158.528 +/- 0.823 χ^2/NDF : 3864.1/34

In: 150.136 +/- 0.905 χ^2/NDF : 2367.2/18

Out: 143.848 +/- 0.862 χ^2/NDF : 2278.4/20

All: 146.841 +/- 0.624 χ^2/NDF : 4670.9/39

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 30.164 $\pm$ 1.157 χ^2 /NDF:23.2/2

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 25.950 $\pm$ 1.506 χ^2 /NDF:39.0/1

Left: 28.600 $\pm$ 0.917 χ^2 /NDF: 67.1/4

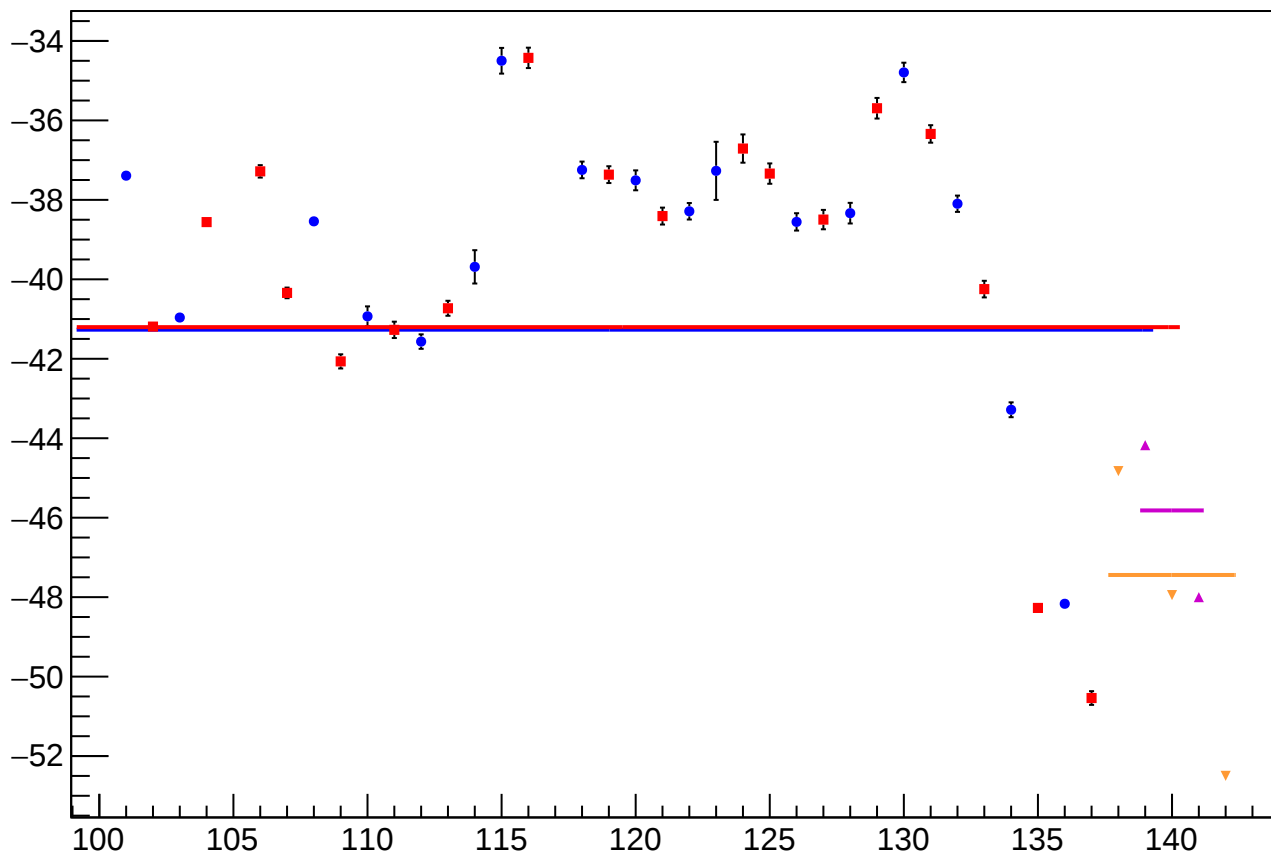
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 13.642 $\pm$ 0.646 χ^2 /NDF:507.6/18

Out: 13.814 $\pm$ 0.629 χ^2 /NDF:729.0/20

All: 13.730 $\pm$ 0.450 χ^2 /NDF: 1236.6/39

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -47.442 ± 0.052 $\chi^2/\text{NDF}: 2729.0/2$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -45.817 ± 0.055 $\chi^2/\text{NDF}: 1168.9/1$

Left: -46.679 ± 0.038 $\chi^2/\text{NDF}: 4354.2/4$

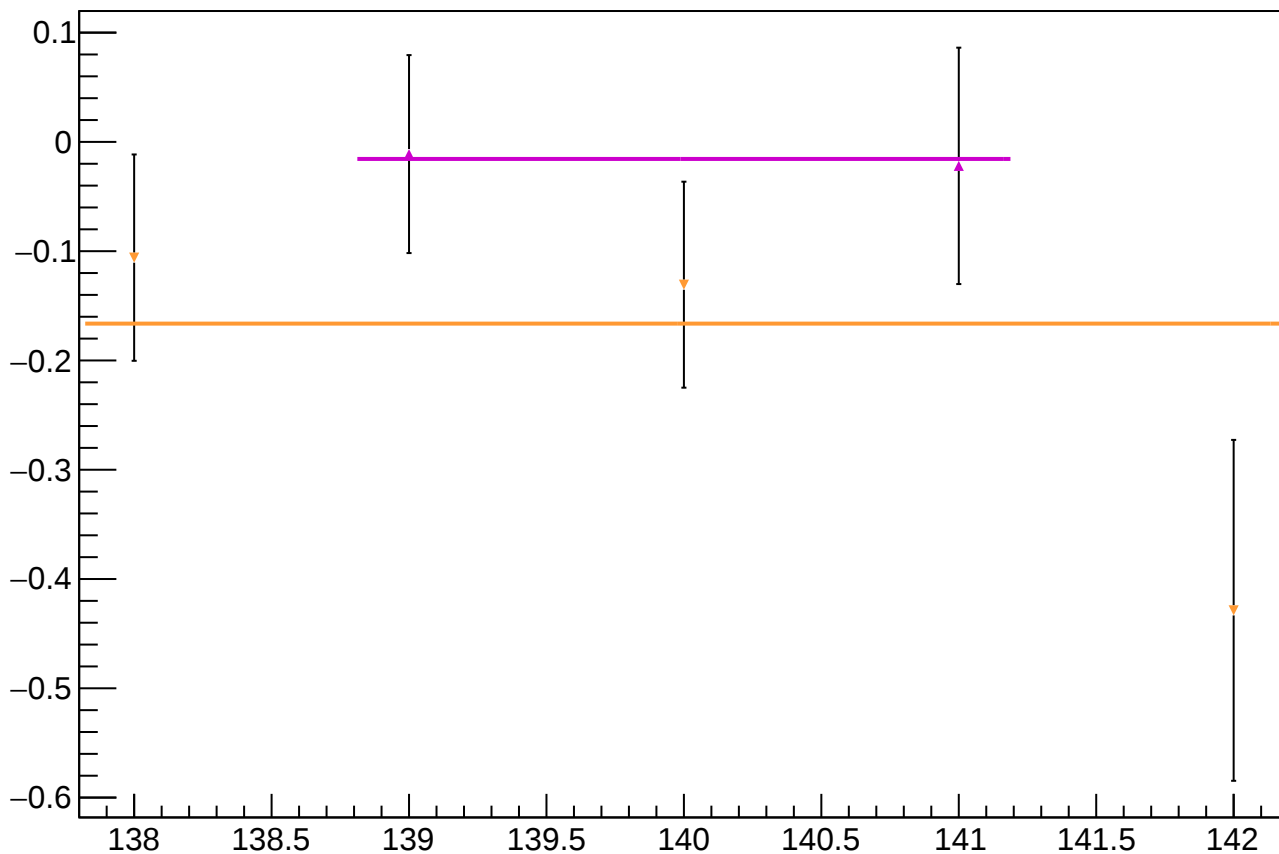
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -42.751 ± 0.032 $\chi^2/\text{NDF}: 18299.2/18$

Out: -43.432 ± 0.031 $\chi^2/\text{NDF}: 23947.9/20$

All: -43.096 ± 0.022 $\chi^2/\text{NDF}: 42482.4/39$

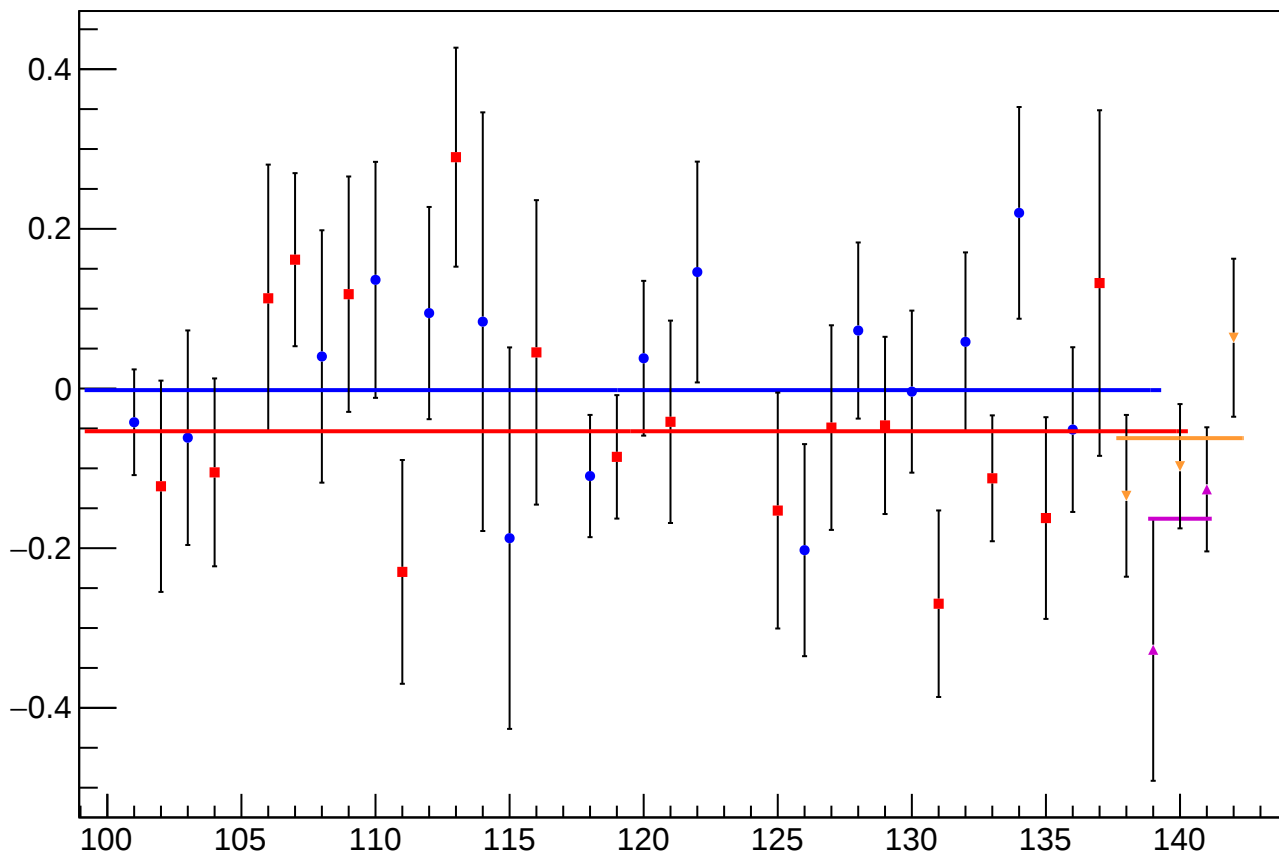
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.166 ± 0.061 $\chi^2/\text{NDF}: 3.4/2$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.016 ± 0.069 $\chi^2/\text{NDF}: 0.0/1$

Left: -0.100 ± 0.046 $\chi^2/\text{NDF}: 6.0/4$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.016 ± 0.069 $\chi^2/\text{NDF}: 0.0/1$
 Out: -0.166 ± 0.061 $\chi^2/\text{NDF}: 3.4/2$
 All: -0.100 ± 0.046 $\chi^2/\text{NDF}: 6.0/4$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.062 ± 0.052 χ^2/NDF : 2.3/2

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.163 ± 0.070 χ^2/NDF : 1.2/1

Left: -0.098 ± 0.042 χ^2/NDF : 4.9/4

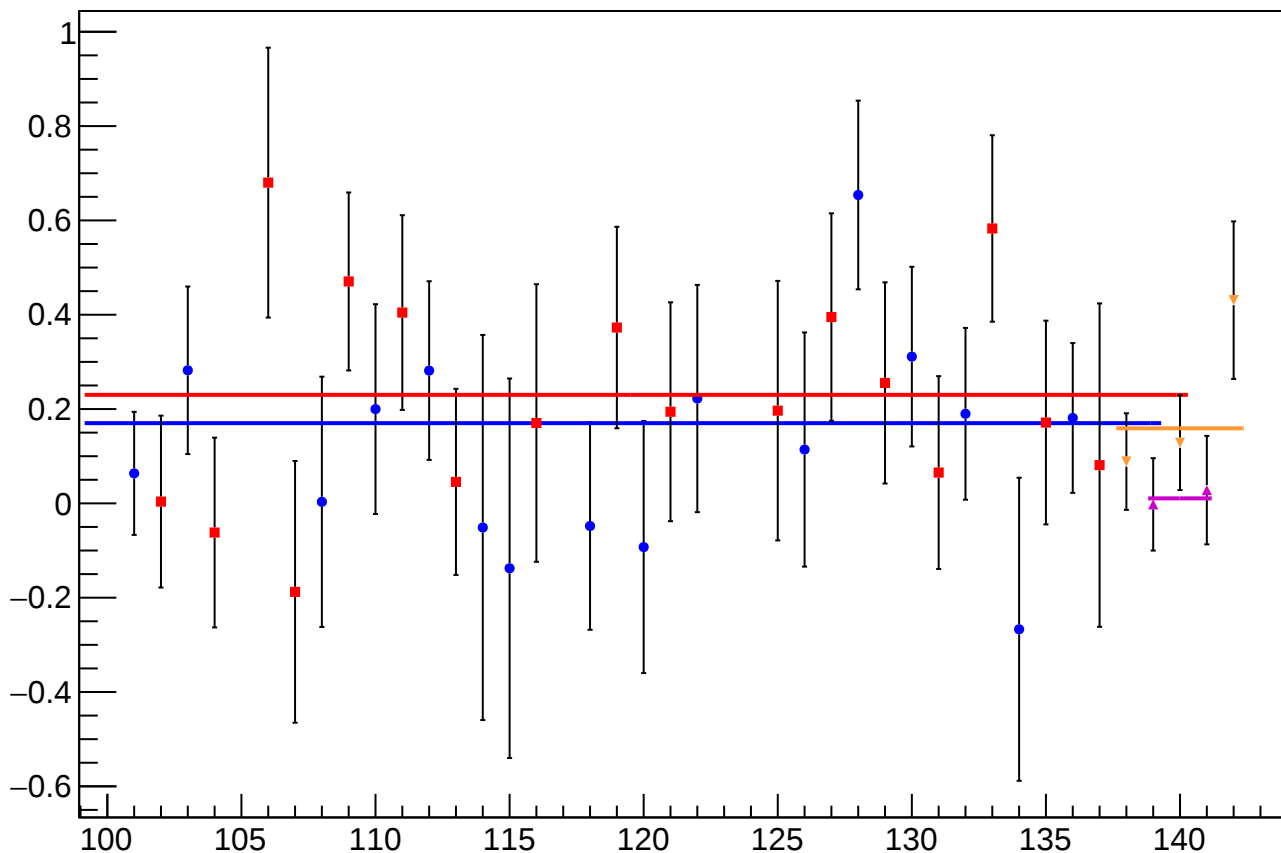
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.056 ± 0.026 χ^2/NDF : 23.3/19

All: -0.040 ± 0.018 χ^2/NDF : 41.9/37

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.159 ± 0.066 $\chi^2/\text{NDF}: 3.2/2$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.011 ± 0.075 $\chi^2/\text{NDF}: 0.0/1$

Left: 0.094 ± 0.049 $\chi^2/\text{NDF}: 5.5/4$

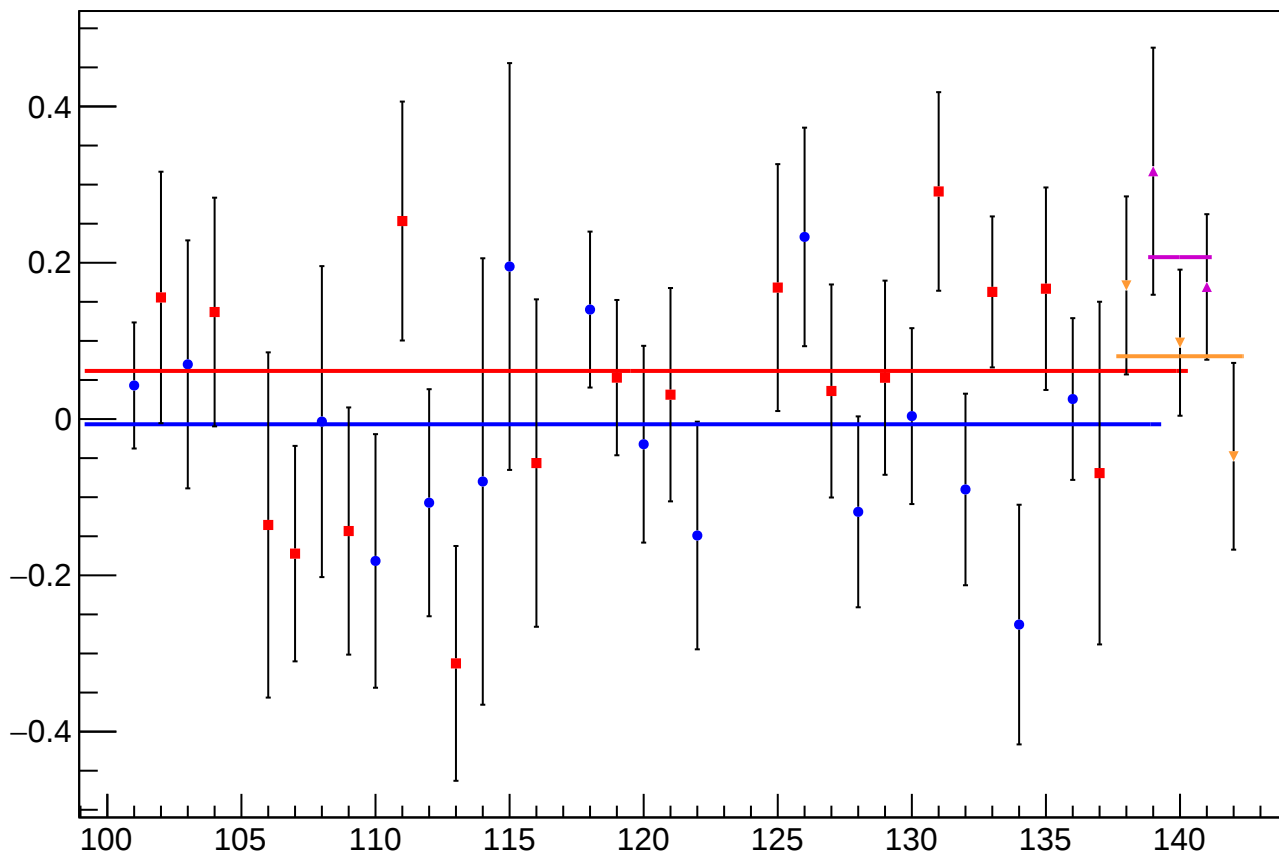
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.117 ± 0.043 $\chi^2/\text{NDF}: 16.1/17$

Out: 0.202 ± 0.042 $\chi^2/\text{NDF}: 20.7/19$

All: 0.161 ± 0.030 $\chi^2/\text{NDF}: 38.8/37$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.080 ± 0.062 χ^2/NDF : 1.8/2

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.207 ± 0.080 χ^2/NDF : 0.7/1

Left: 0.128 ± 0.049 χ^2/NDF : 4.0/4

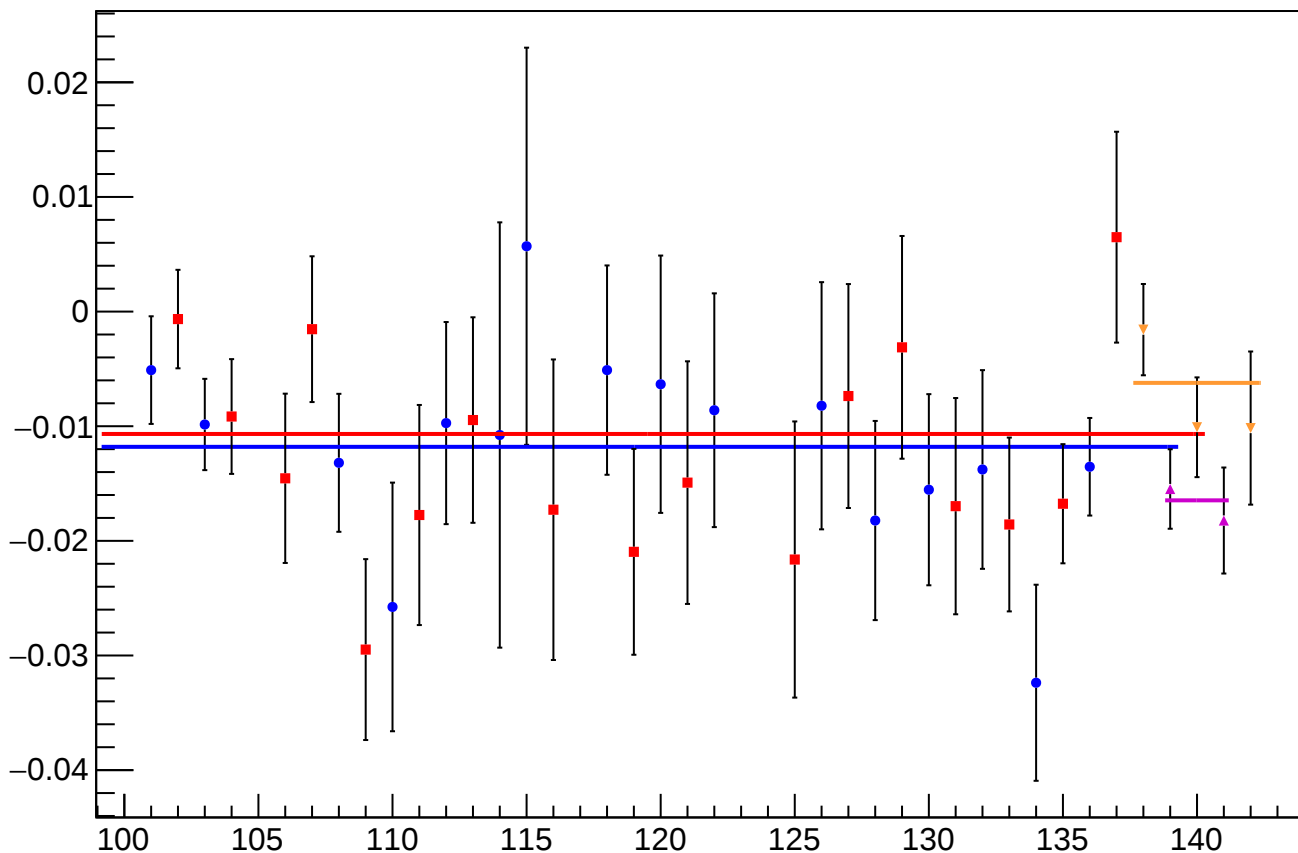
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.024 ± 0.030 χ^2/NDF : 20.0/17

Out: 0.066 ± 0.030 χ^2/NDF : 21.9/19

All: 0.045 ± 0.021 χ^2/NDF : 42.8/37

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.006 ± 0.003 χ^2/NDF : 2.5/2

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.016 ± 0.003 χ^2/NDF : 0.2/1

Left: -0.011 ± 0.002 χ^2/NDF : 9.8/4

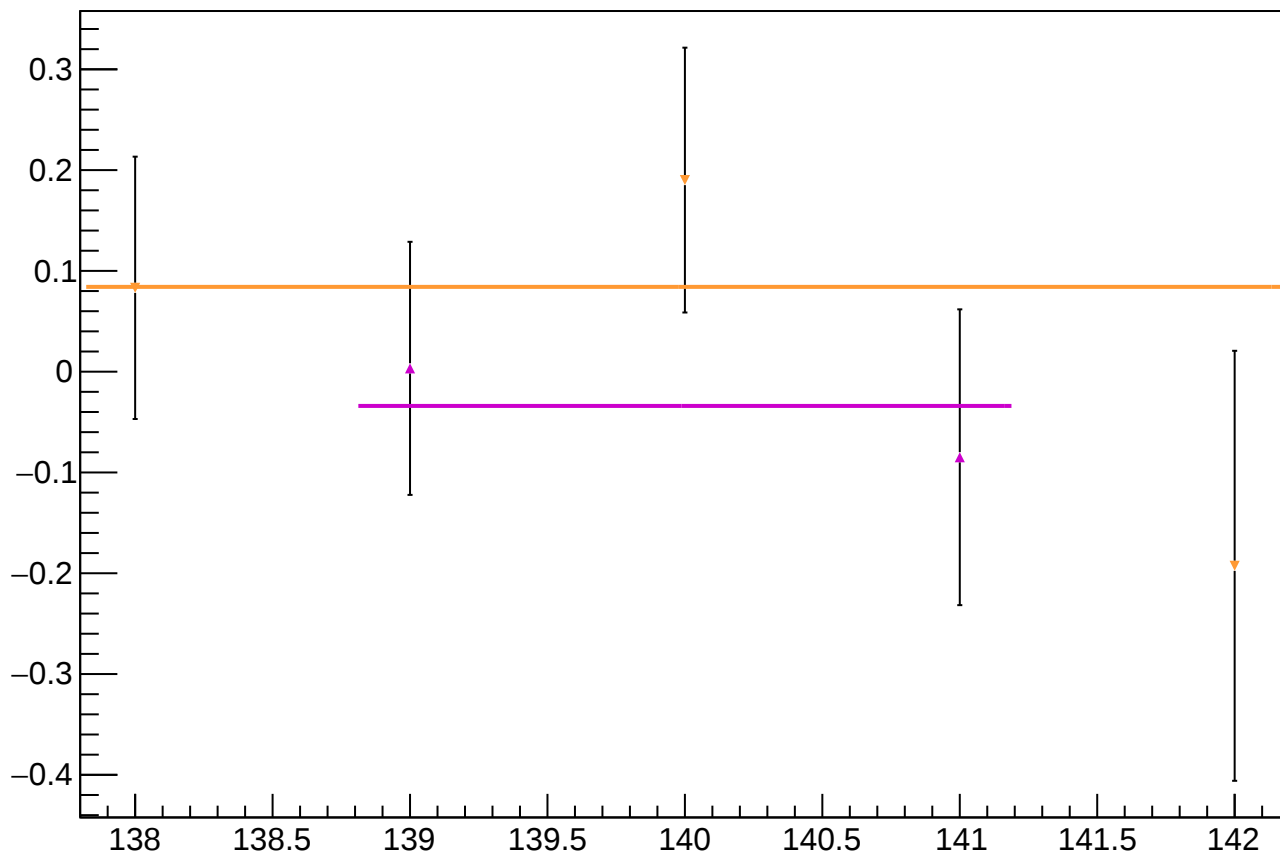
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.002 χ^2/NDF : 15.0/17

Out: -0.009 ± 0.001 χ^2/NDF : 28.2/19

All: -0.011 ± 0.001 χ^2/NDF : 46.5/37

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.084 $\pm$ 0.085 χ^2 /NDF:2.3/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1

Left: 0.032 $\pm$ 0.063 χ^2 /NDF: 3.4/4

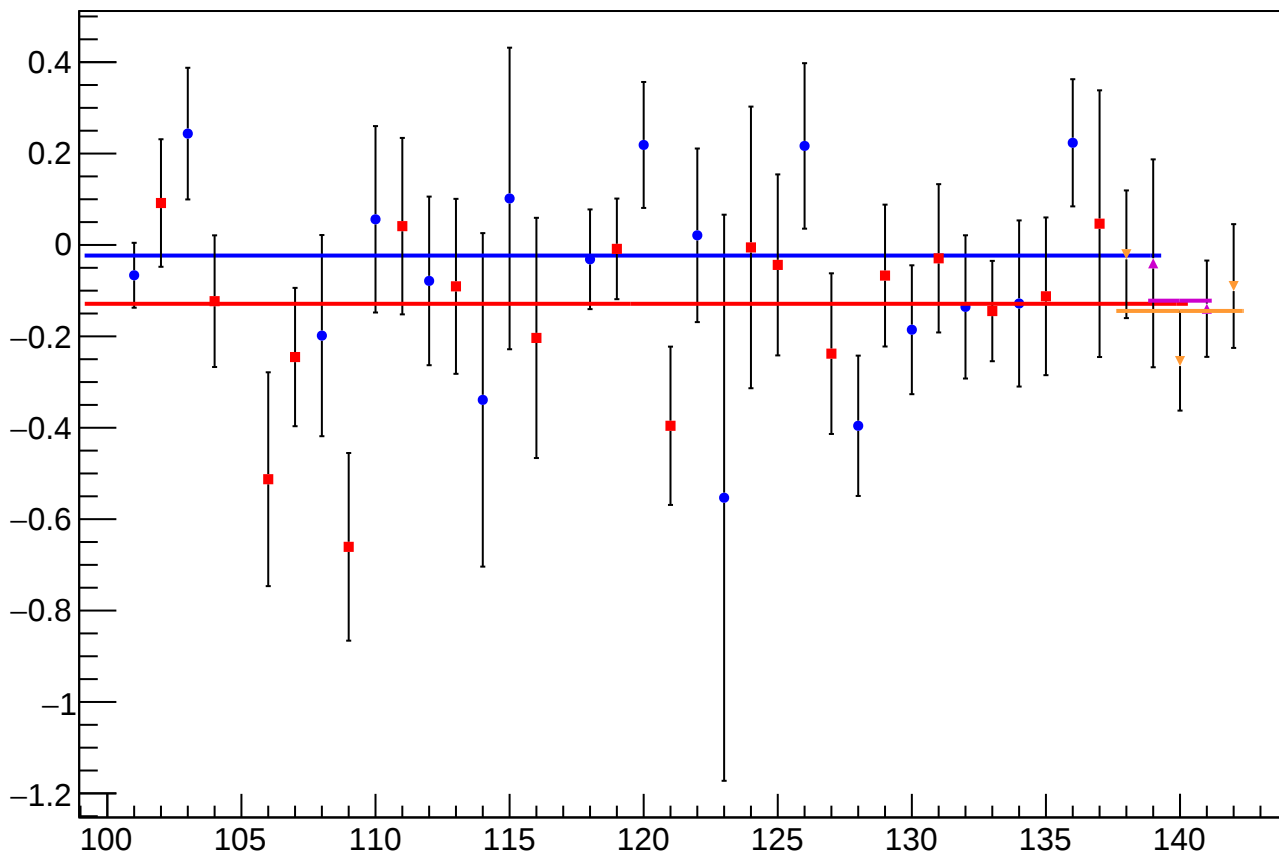
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1

Out: 0.084 $\pm$ 0.085 χ^2 /NDF:2.3/2

All: 0.032 $\pm$ 0.063 χ^2 /NDF: 3.4/4

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.144 ± 0.072 $\chi^2/\text{NDF}: 2.0/2$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.122 ± 0.096 $\chi^2/\text{NDF}: 0.2/1$

Left: -0.136 ± 0.058 $\chi^2/\text{NDF}: 2.2/4$

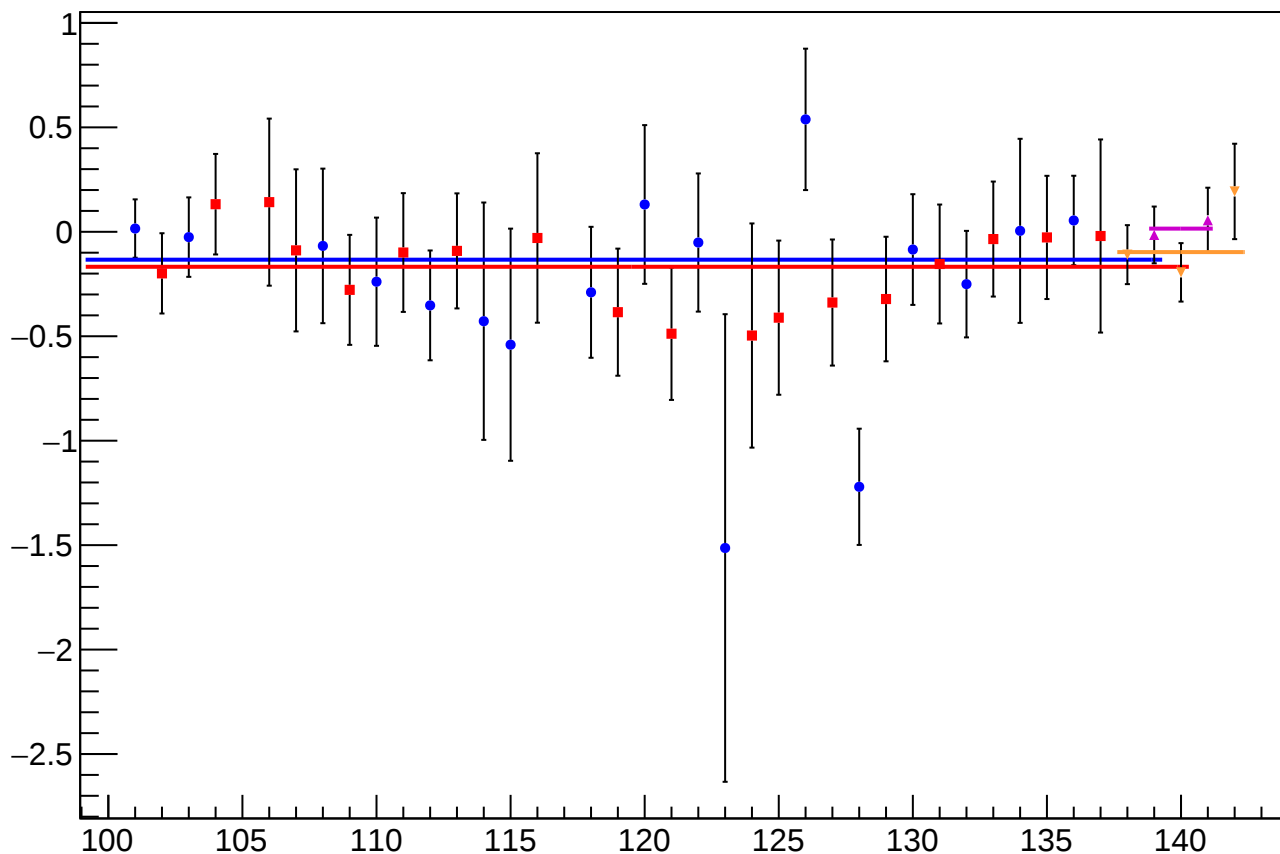
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.036 ± 0.034 $\chi^2/\text{NDF}: 23.5/18$

Out: -0.132 ± 0.035 $\chi^2/\text{NDF}: 20.6/20$

All: -0.083 ± 0.024 $\chi^2/\text{NDF}: 48.1/39$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.097 ± 0.091 χ^2/NDF : 2.1/2

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.015 ± 0.102 χ^2/NDF : 0.1/1

Left: -0.047 ± 0.068 χ^2/NDF : 2.9/4

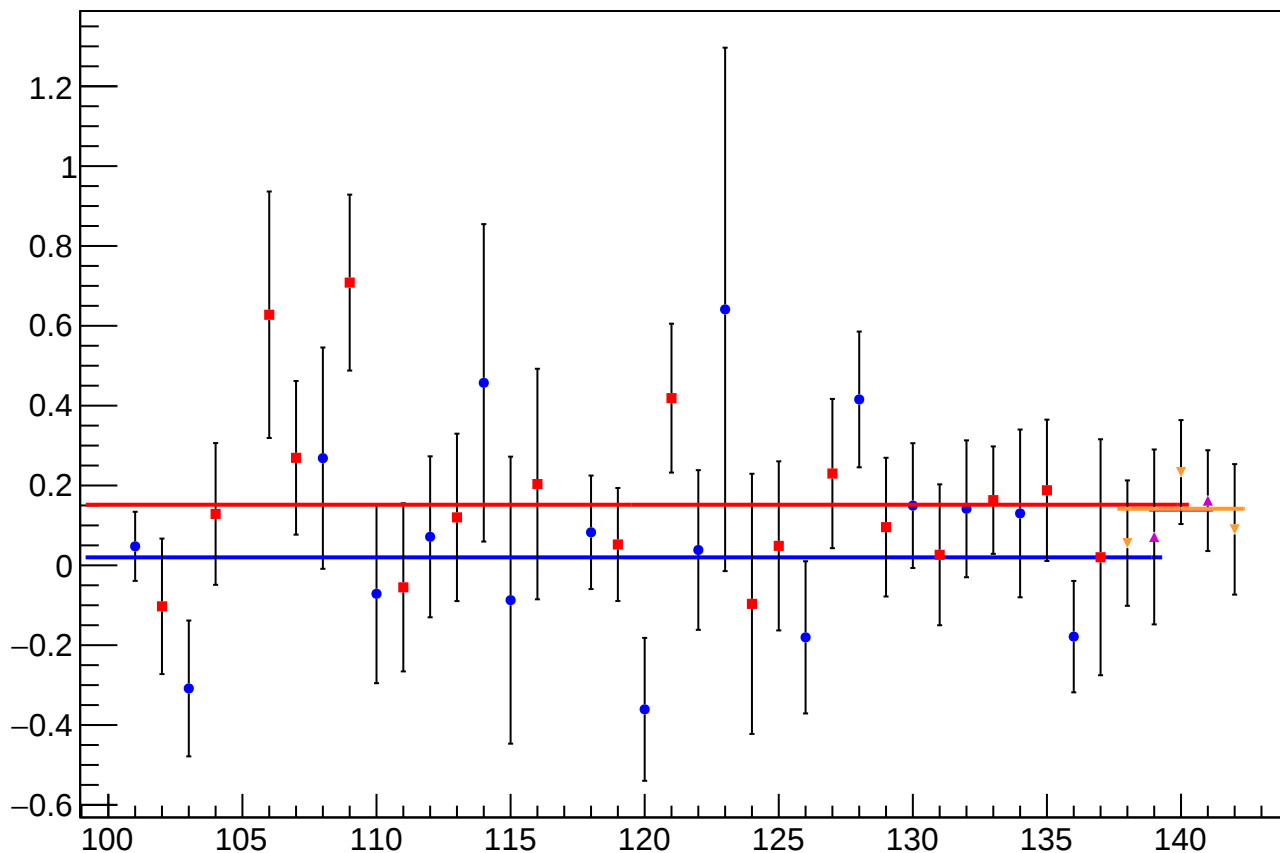
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.089 ± 0.056 χ^2/NDF : 27.3/18

Out: -0.141 ± 0.056 χ^2/NDF : 8.6/20

All: -0.115 ± 0.040 χ^2/NDF : 36.4/39

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.142 ± 0.085 $\chi^2/\text{NDF}: 0.9/2$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.139 ± 0.109 $\chi^2/\text{NDF}: 0.1/1$

Left: 0.141 ± 0.067 $\chi^2/\text{NDF}: 1.0/4$

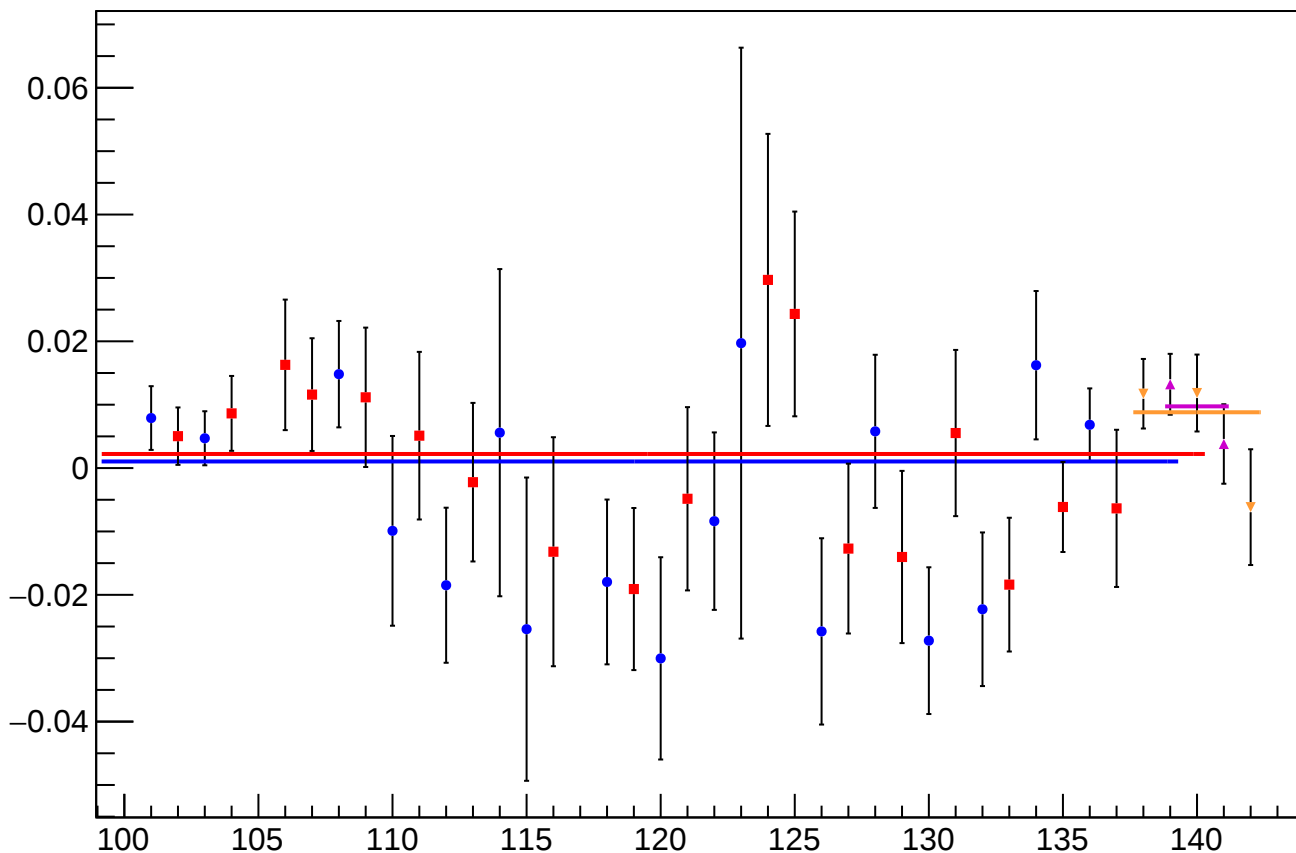
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.036 ± 0.039 $\chi^2/\text{NDF}: 23.0/18$

Out: 0.150 ± 0.040 $\chi^2/\text{NDF}: 17.7/20$

All: 0.092 ± 0.028 $\chi^2/\text{NDF}: 44.8/39$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.004 χ^2 /NDF: 3.2/2

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.004 χ^2 /NDF: 1.4/1

Left: 0.009 $\pm$ 0.003 χ^2 /NDF: 4.7/4

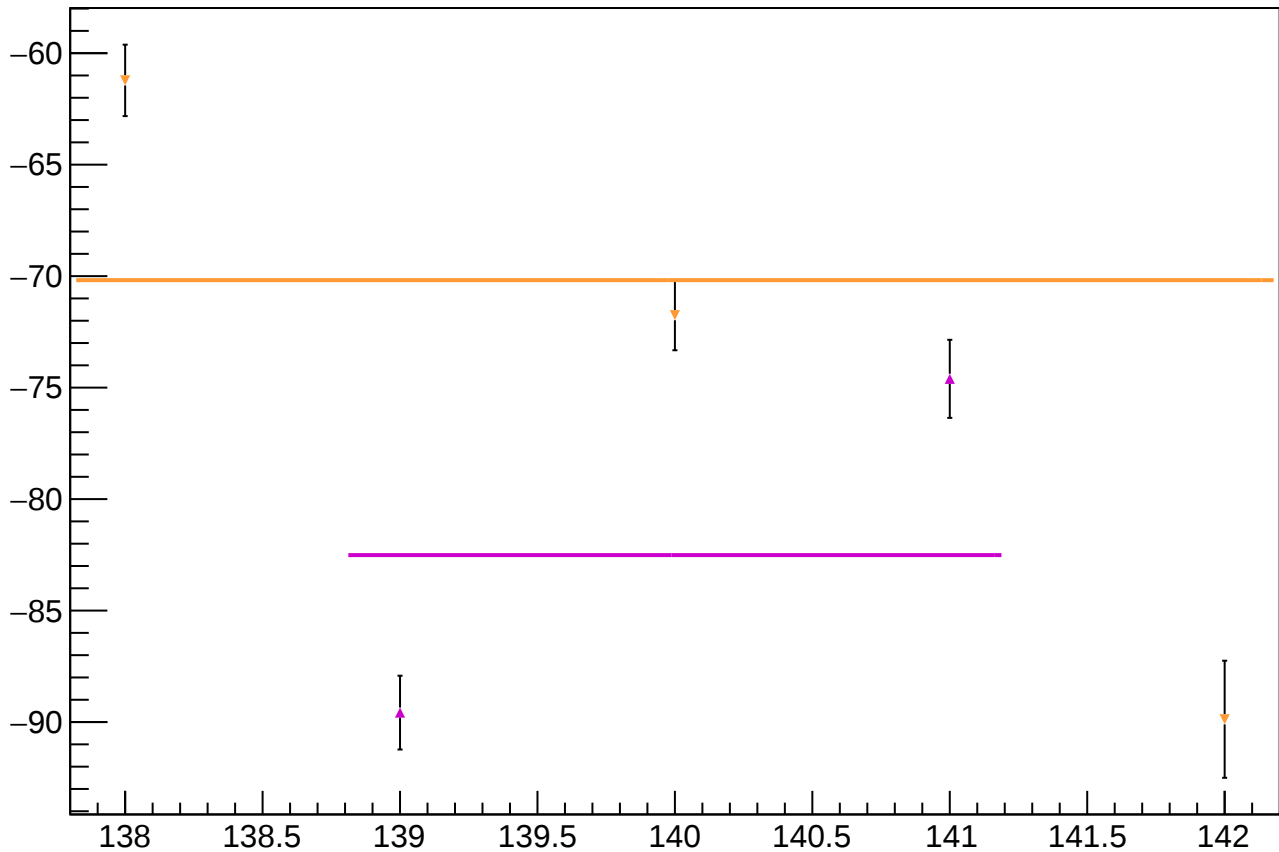
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.003 $\pm$ 0.002 χ^2 /NDF: 37.3/18

Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 26.3/20

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 63.7/39

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.180+/-1.032 χ^2/NDF :88.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.512+/-1.203 χ^2/NDF :38.6/1

Left: -75.412+/-0.783 χ^2/NDF : 187.7/4

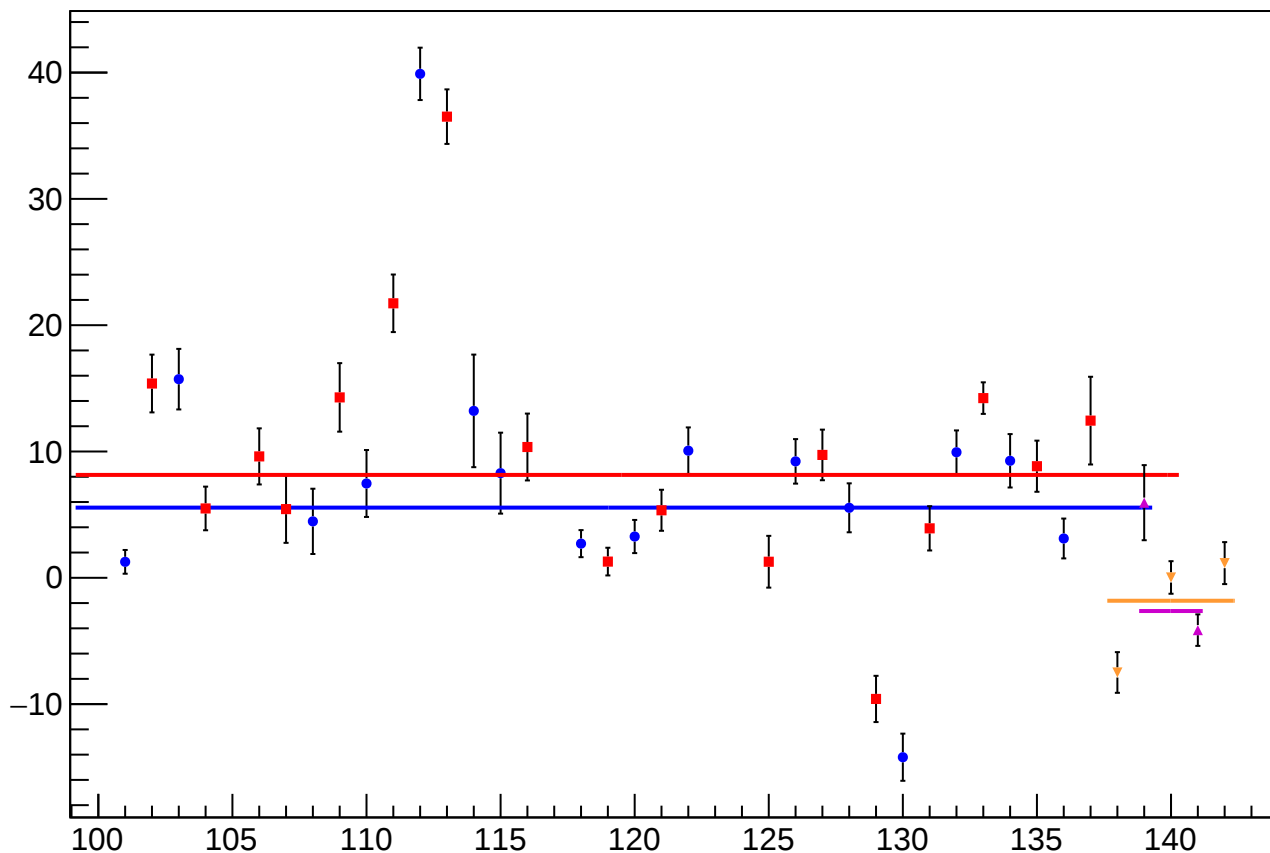
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.512+/-1.203 χ^2/NDF :38.6/1

Out: -70.180+/-1.032 χ^2/NDF :88.6/2

All: -75.412+/-0.783 χ^2/NDF : 187.7/4

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557+/-0.424 χ^2/NDF : 462.0/15

Left Out: -1.816+/-0.861 χ^2/NDF : 17.7/2

Right Out: 8.146+/-0.454 χ^2/NDF : 406.8/16

Left In: -2.630+/-1.151 χ^2/NDF : 9.8/1

Left: -2.108+/-0.689 χ^2/NDF : 27.8/4

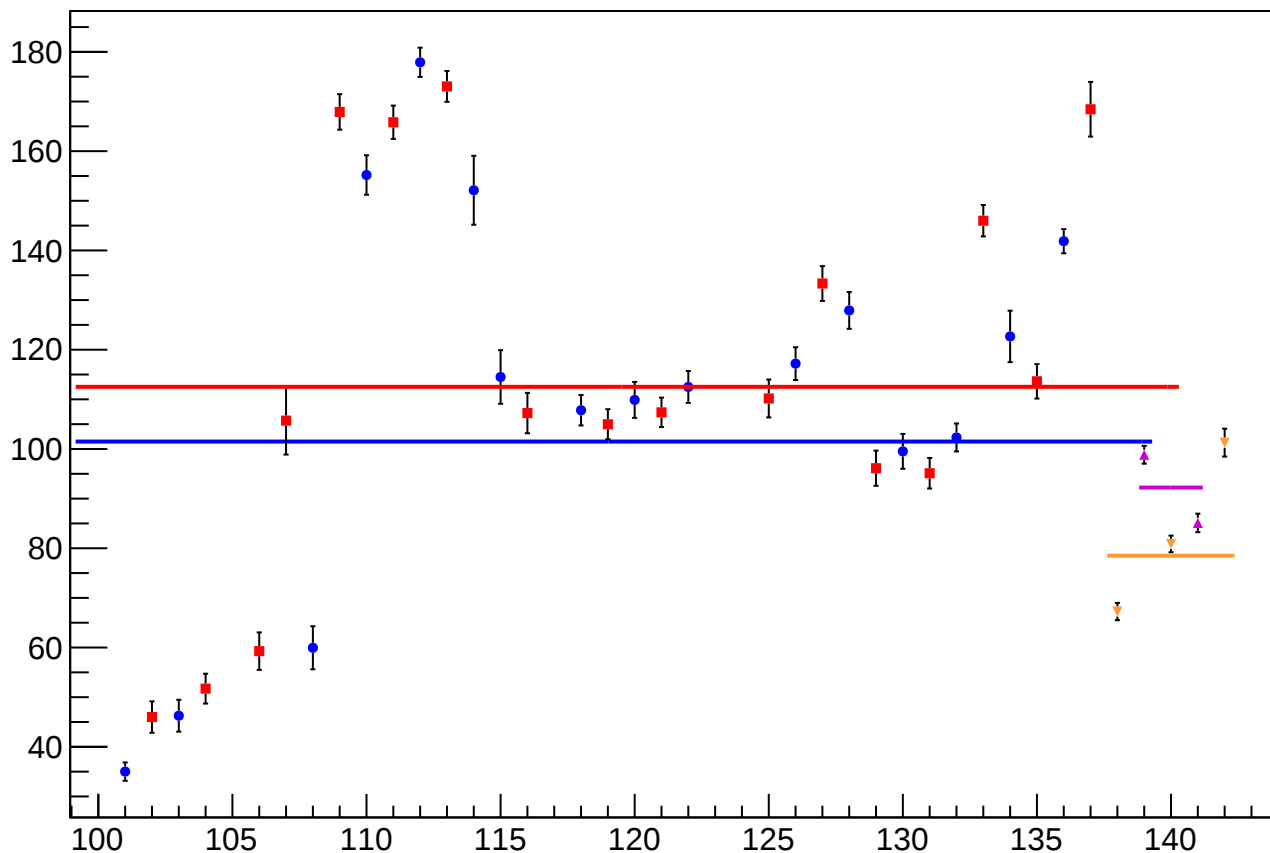
Right: 6.763+/-0.310 χ^2/NDF : 886.1/32

In: 4.579+/-0.398 χ^2/NDF : 516.3/17

Out: 5.976+/-0.402 χ^2/NDF : 529.2/19

All: 5.270+/-0.283 χ^2/NDF : 1051.7/37

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 78.500 $\pm$ 1.108 χ^2/NDF : 109.7/2

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 92.227 $\pm$ 1.291 χ^2/NDF : 28.2/1

Left: 84.323 $\pm$ 0.841 χ^2/NDF : 203.0/4

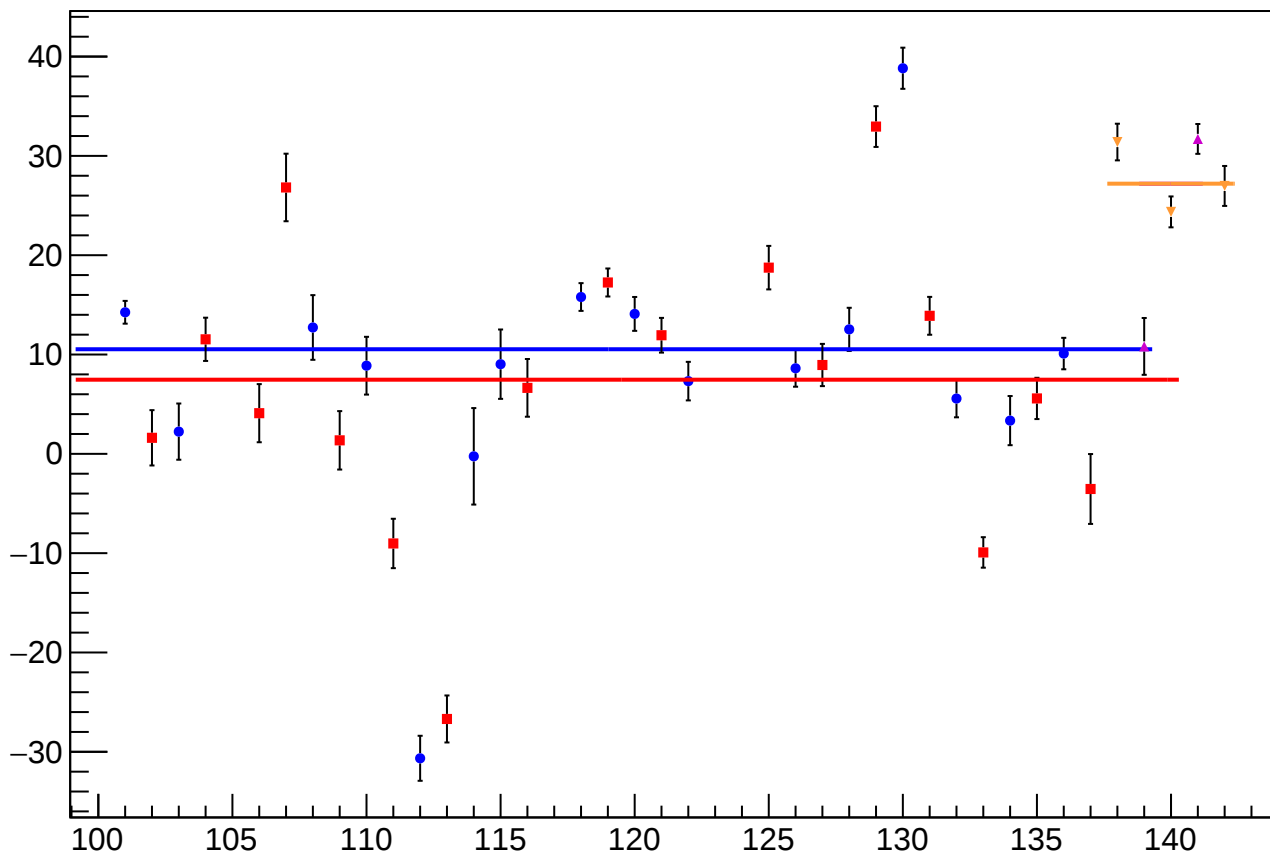
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 98.886 $\pm$ 0.685 χ^2/NDF : 3038.2/17

Out: 100.046 $\pm$ 0.671 χ^2/NDF : 2943.5/19

All: 99.478 $\pm$ 0.479 χ^2/NDF : 5983.2/37

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532+/-0.493 χ^2/NDF : 580.3/15

Left Out: 27.202+/-1.024 χ^2/NDF : 8.5/2

Right Out: 7.466+/-0.525 χ^2/NDF : 685.0/16

Left In: 27.193+/-1.330 χ^2/NDF : 41.8/1

Left: 27.199+/-0.811 χ^2/NDF : 50.3/4

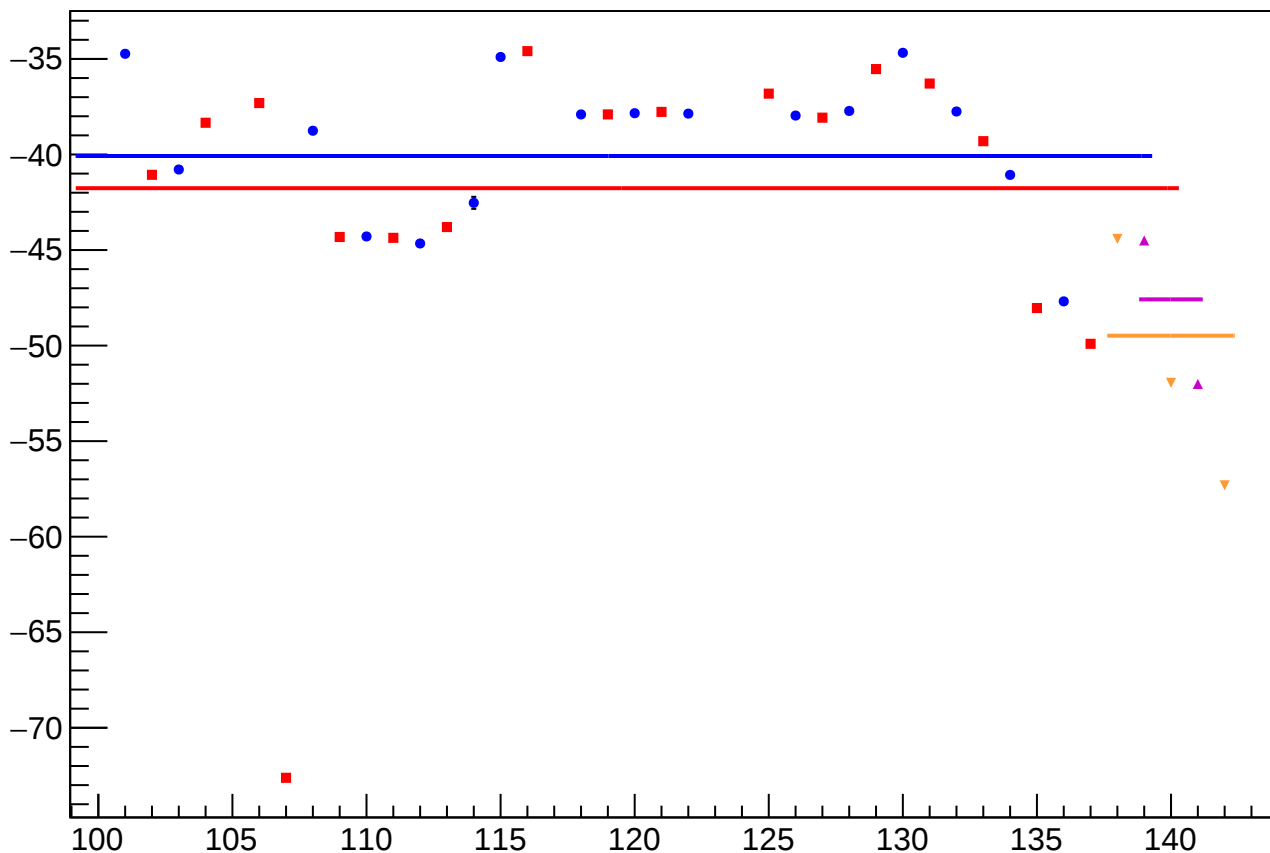
Right: 9.096+/-0.359 χ^2/NDF : 1283.4/32

In: 12.543+/-0.462 χ^2/NDF : 760.1/17

Out: 11.576+/-0.467 χ^2/NDF : 987.7/19

All: 12.065+/-0.329 χ^2/NDF : 1749.9/37

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -48.583 ± 0.033 $\chi^2/\text{NDF}: 18047.9/4$

Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.988 ± 0.024 $\chi^2/\text{NDF}: 48980.7/17$

Out: -43.956 ± 0.024 $\chi^2/\text{NDF}: 91969.9/19$

All: -42.971 ± 0.017 $\chi^2/\text{NDF}: 144206.9/37$

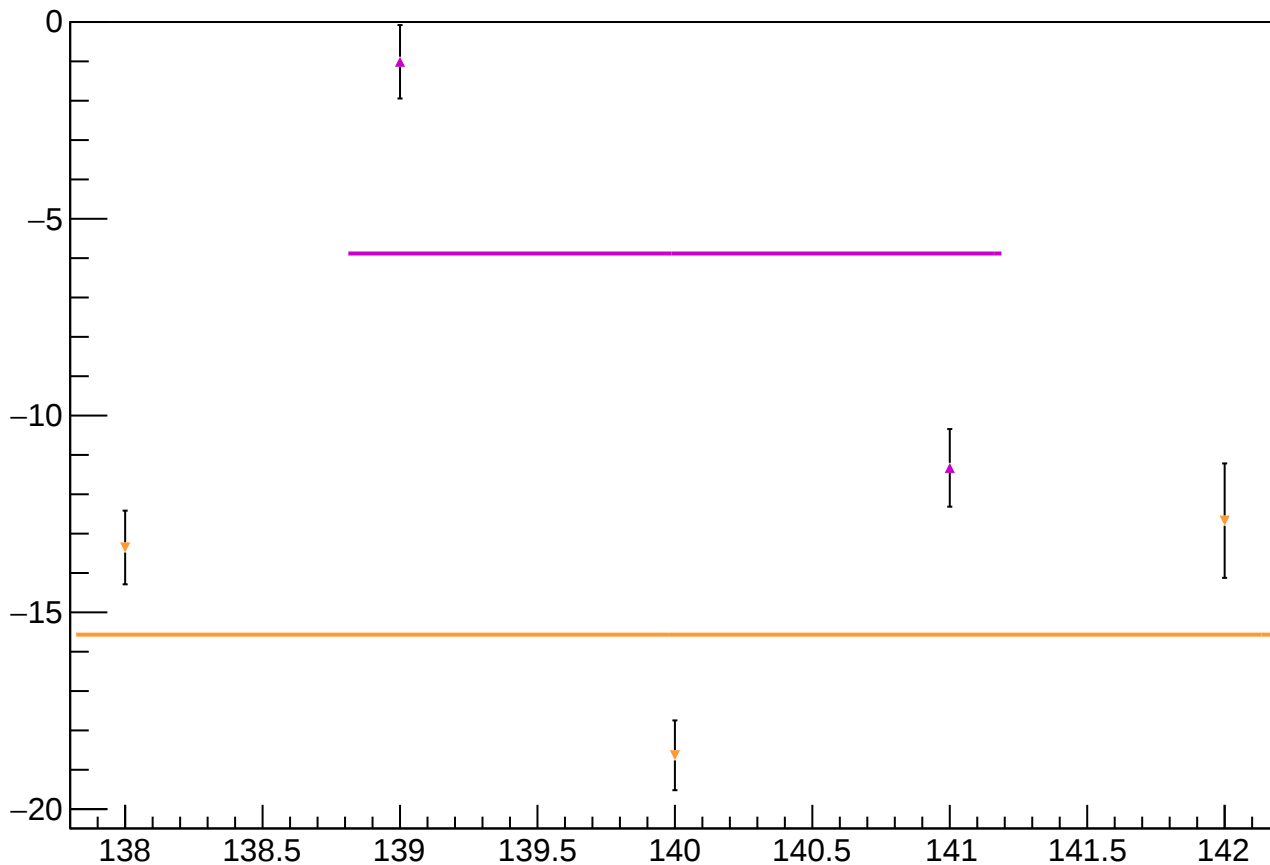
Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -49.483 ± 0.046 $\chi^2/\text{NDF}: 11383.6/2$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -47.581 ± 0.048 $\chi^2/\text{NDF}: 5848.5/1$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.566+/-0.589 χ^2/NDF :21.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.882+/-0.678 χ^2/NDF :57.7/1

Left: -11.405+/-0.444 χ^2/NDF : 195.6/4

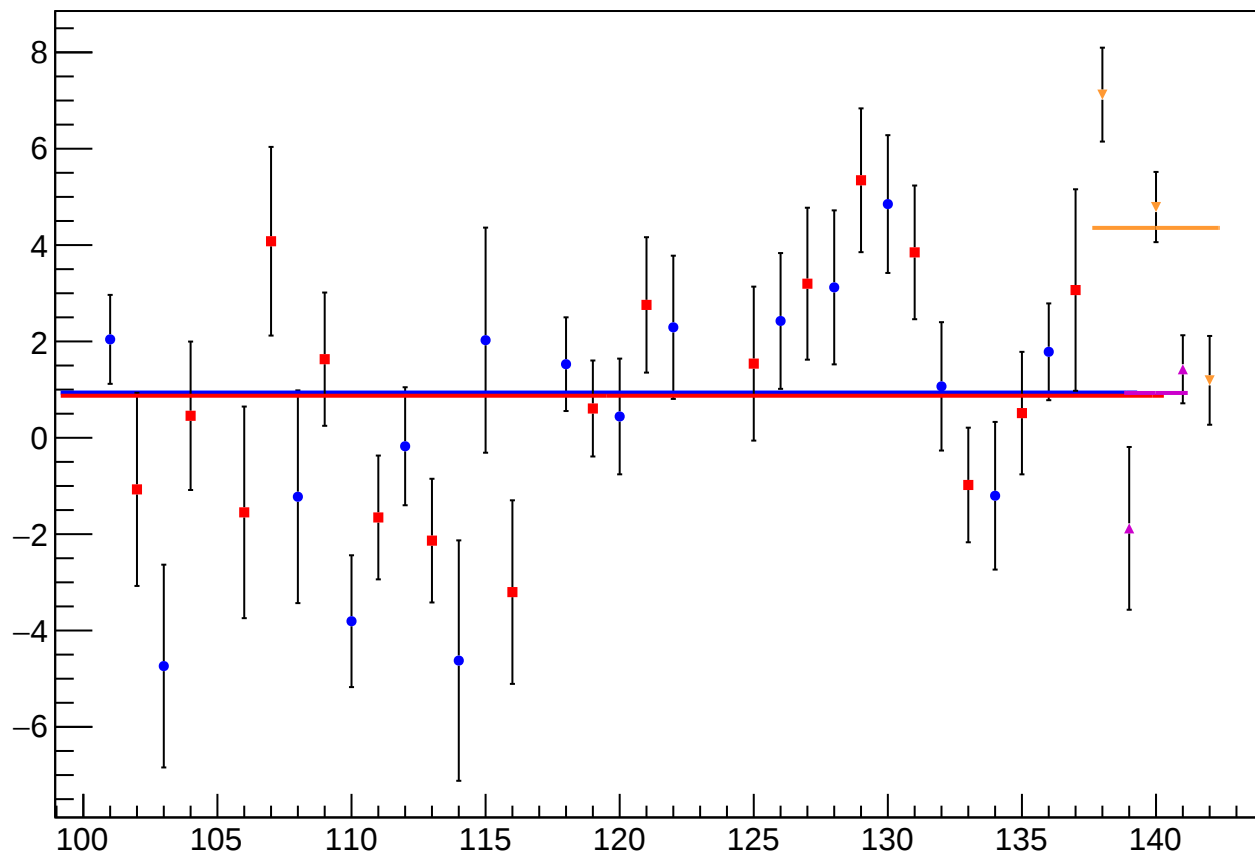
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.882+/-0.678 χ^2/NDF :57.7/1

Out: -15.566+/-0.589 χ^2/NDF :21.5/2

All: -11.405+/-0.444 χ^2/NDF : 195.6/4

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 4.357 ± 0.493 $\chi^2/\text{NDF}: 20.2/2$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.931 ± 0.652 $\chi^2/\text{NDF}: 3.3/1$

Left: 3.110 ± 0.393 $\chi^2/\text{NDF}: 41.0/4$

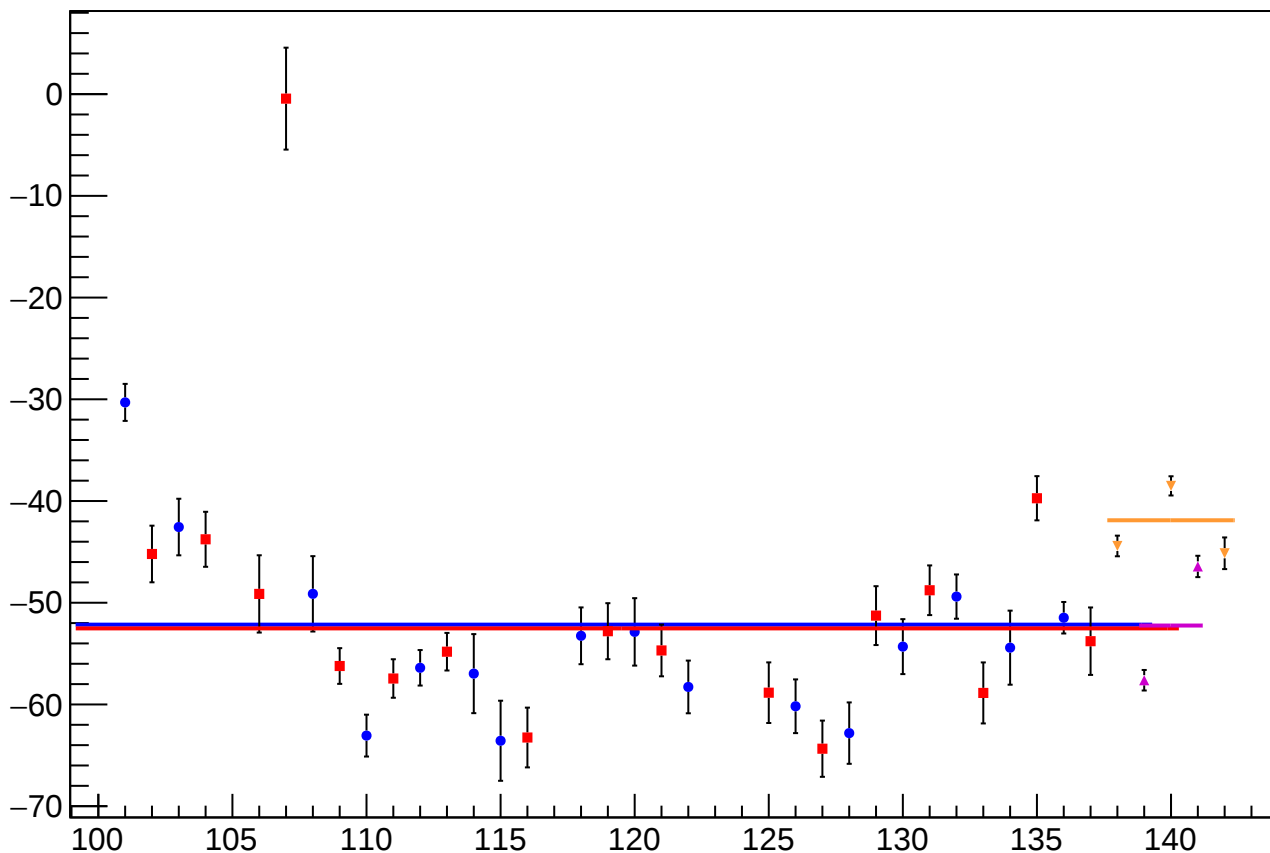
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.938 ± 0.301 $\chi^2/\text{NDF}: 45.5/17$

Out: 2.058 ± 0.288 $\chi^2/\text{NDF}: 93.7/19$

All: 1.522 ± 0.208 $\chi^2/\text{NDF}: 146.4/37$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -41.893 ± 0.632 χ^2/NDF : 23.4/2

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.241 ± 0.728 χ^2/NDF : 59.0/1

Left: -46.342 ± 0.477 χ^2/NDF : 197.7/4

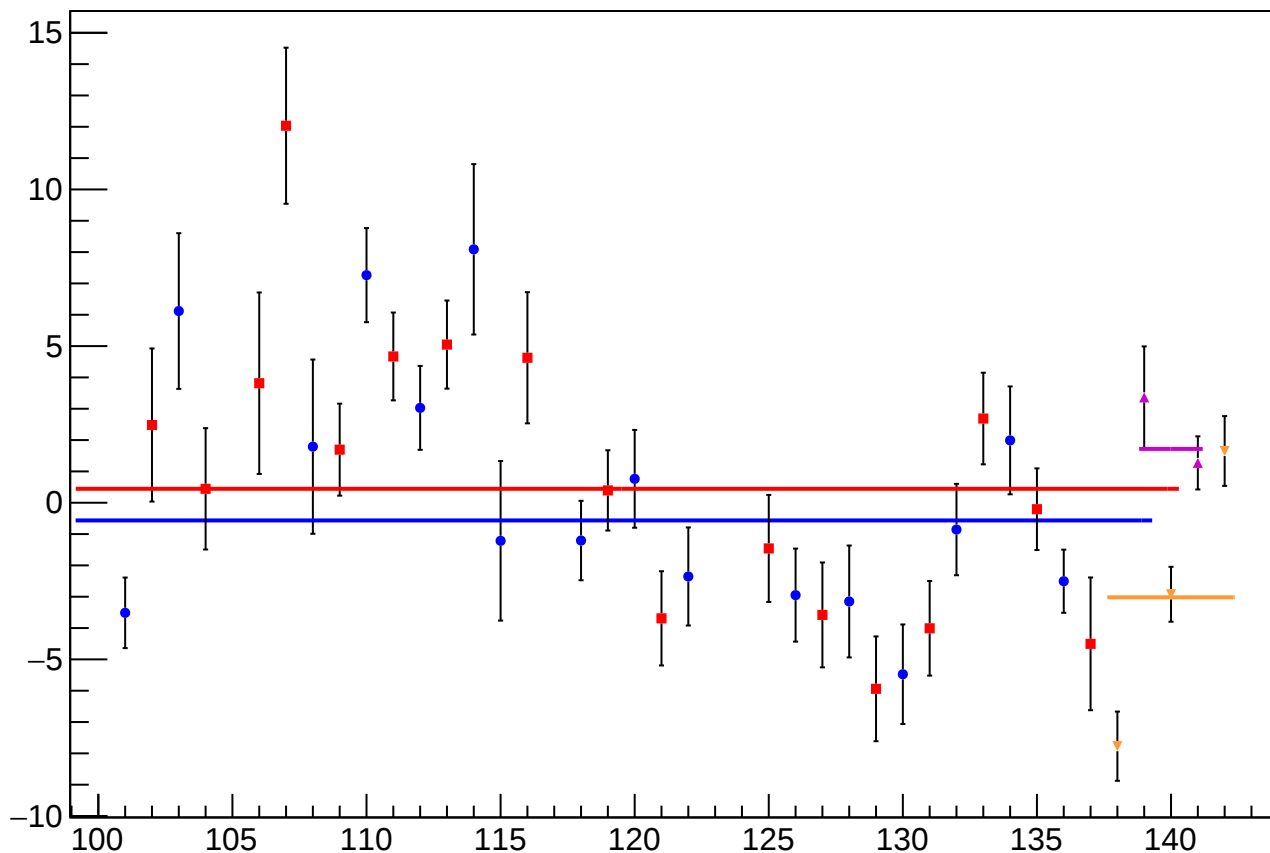
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.325 ± 0.442 χ^2/NDF : 385.7/19

All: -49.614 ± 0.322 χ^2/NDF : 732.9/37

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -3.019 ± 0.584 χ^2/NDF : 36.1/2

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.718 ± 0.752 χ^2/NDF : 1.3/1

Left: -1.234 ± 0.461 χ^2/NDF : 62.1/4

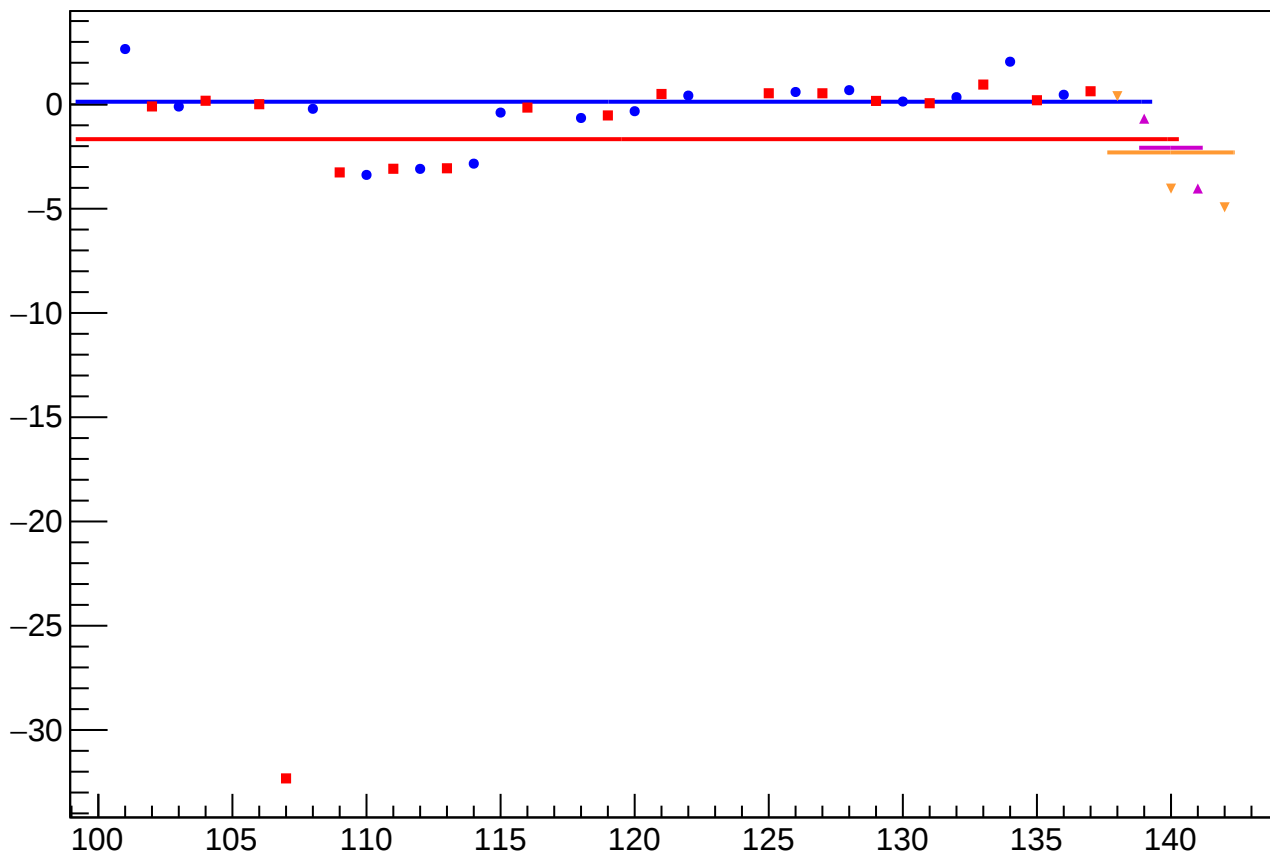
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.660 ± 0.330 χ^2/NDF : 154.1/19

All: -0.386 ± 0.238 χ^2/NDF : 246.0/37

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -2.301 ± 0.026 $\chi^2/\text{NDF}: 8191.7/2$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

Left: -2.194 ± 0.019 $\chi^2/\text{NDF}: 11896.1/4$

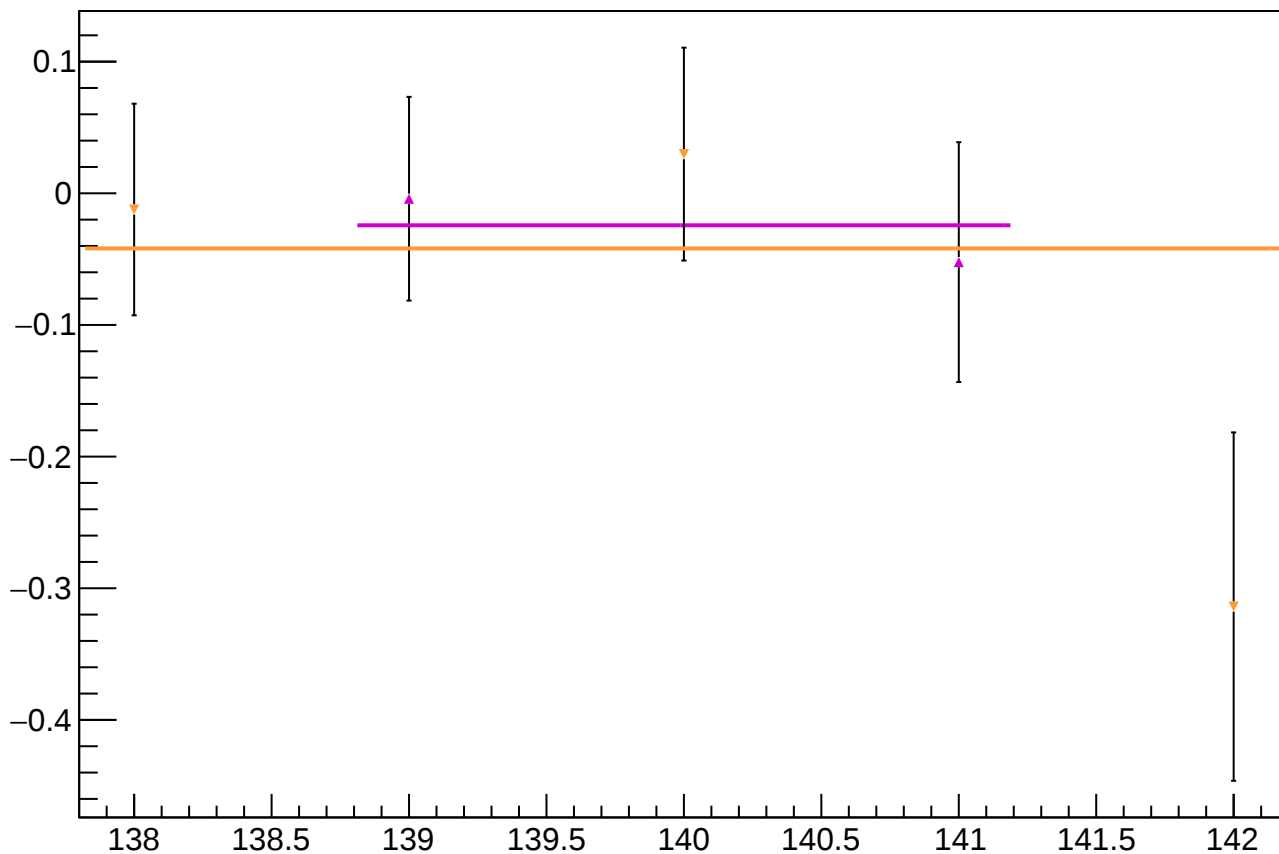
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -0.717 ± 0.017 $\chi^2/\text{NDF}: 12939.8/17$

Out: -1.929 ± 0.017 $\chi^2/\text{NDF}: 86145.8/19$

All: -1.329 ± 0.012 $\chi^2/\text{NDF}: 101687.6/37$

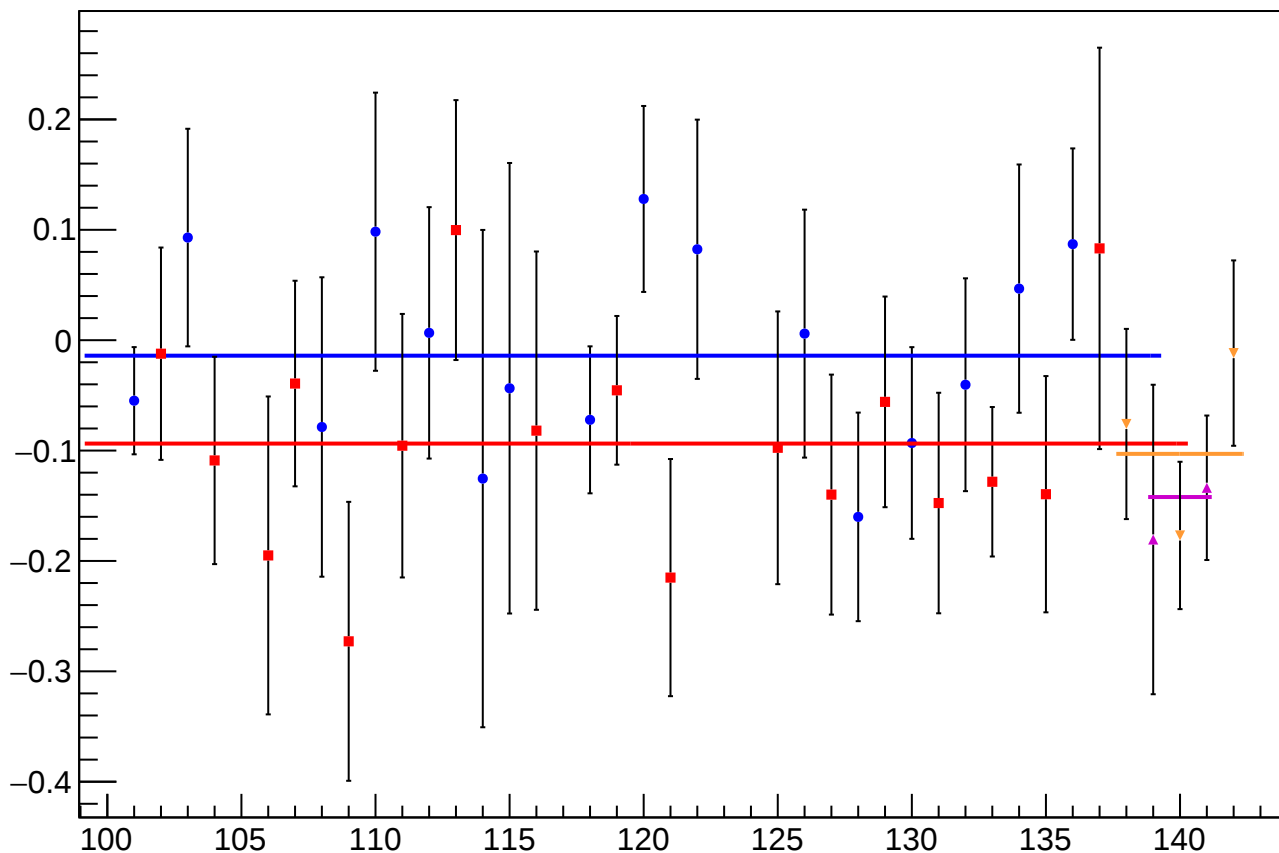
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.042 ± 0.052 $\chi^2/\text{NDF}: 5.1/2$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.024 ± 0.059 $\chi^2/\text{NDF}: 0.2/1$

Left: -0.034 ± 0.039 $\chi^2/\text{NDF}: 5.4/4$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.024 ± 0.059 $\chi^2/\text{NDF}: 0.2/1$
 Out: -0.042 ± 0.052 $\chi^2/\text{NDF}: 5.1/2$
 All: -0.034 ± 0.039 $\chi^2/\text{NDF}: 5.4/4$

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.103 ± 0.045 χ^2/NDF : 2.5/2

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.142 ± 0.059 χ^2/NDF : 0.1/1

Left: -0.117 ± 0.036 χ^2/NDF : 2.9/4

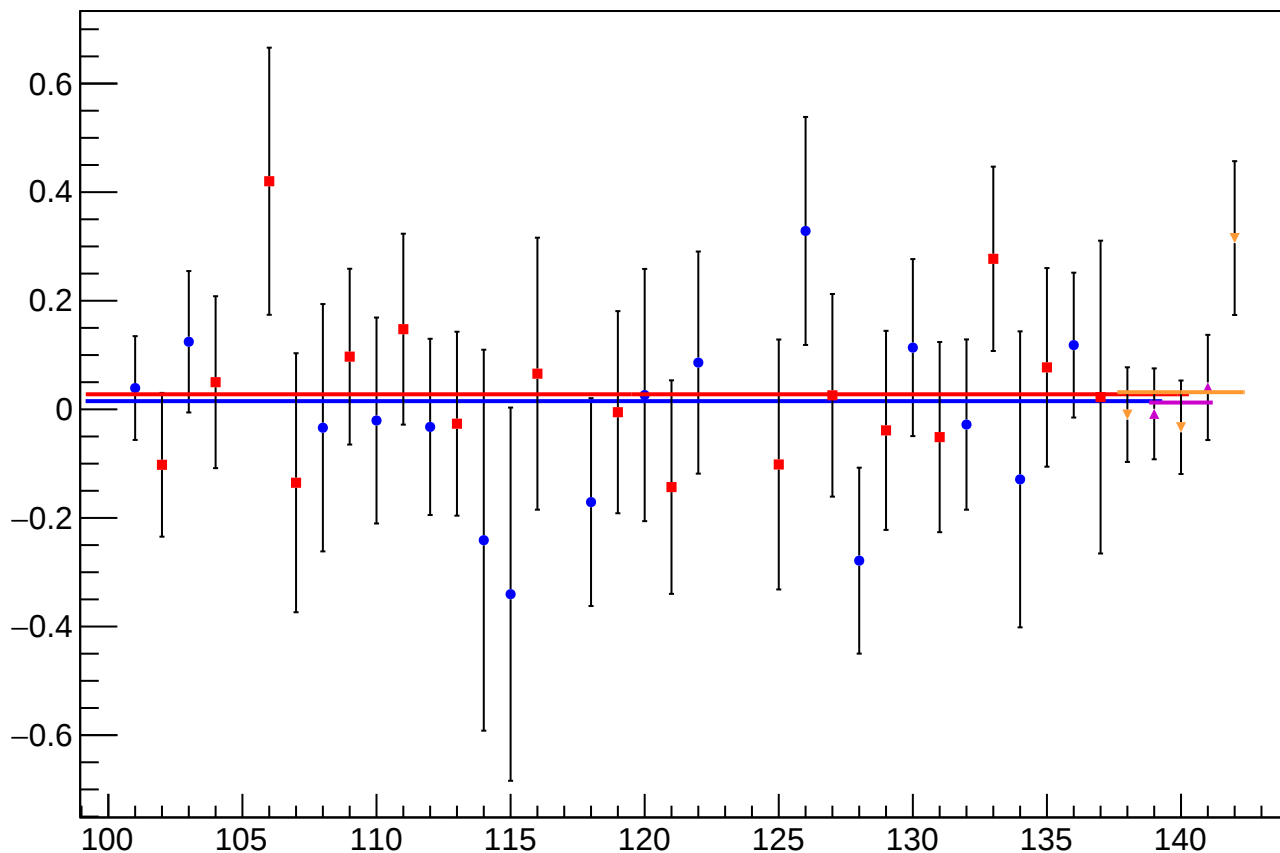
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.031 ± 0.022 χ^2/NDF : 16.6/17

Out: -0.096 ± 0.022 χ^2/NDF : 12.6/19

All: -0.063 ± 0.015 χ^2/NDF : 33.7/37

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.032 $\pm$ 0.056 χ^2 /NDF:4.8/2

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.013 $\pm$ 0.063 χ^2 /NDF:0.1/1

Left: 0.023 $\pm$ 0.042 χ^2 /NDF: 5.0/4

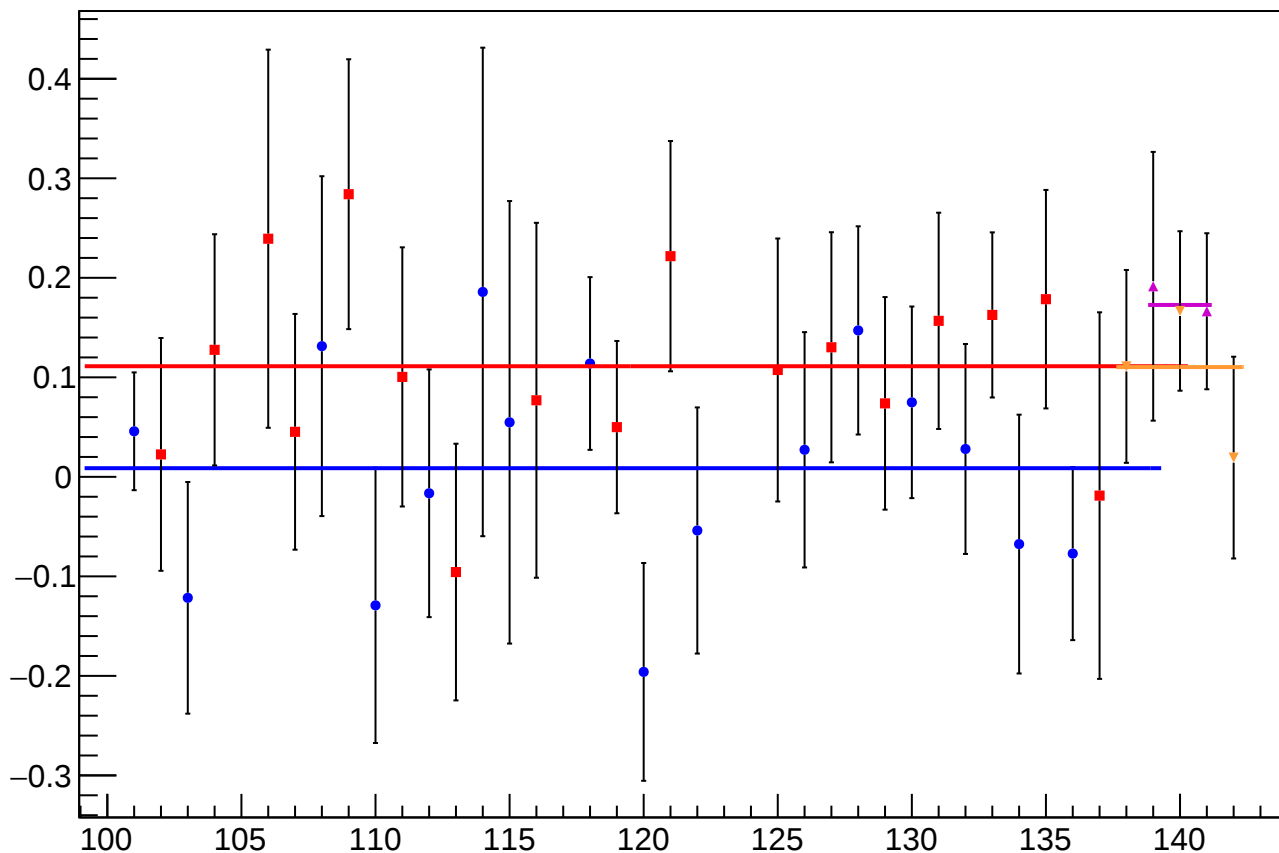
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.014 $\pm$ 0.035 χ^2 /NDF:10.2/17

Out: 0.029 $\pm$ 0.035 χ^2 /NDF:13.2/19

All: 0.022 $\pm$ 0.025 χ^2 /NDF: 23.6/37

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.110 $\pm$ 0.053 χ^2 /NDF:1.3/2

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.173 $\pm$ 0.068 χ^2 /NDF:0.0/1

Left: 0.134 $\pm$ 0.042 χ^2 /NDF: 1.9/4

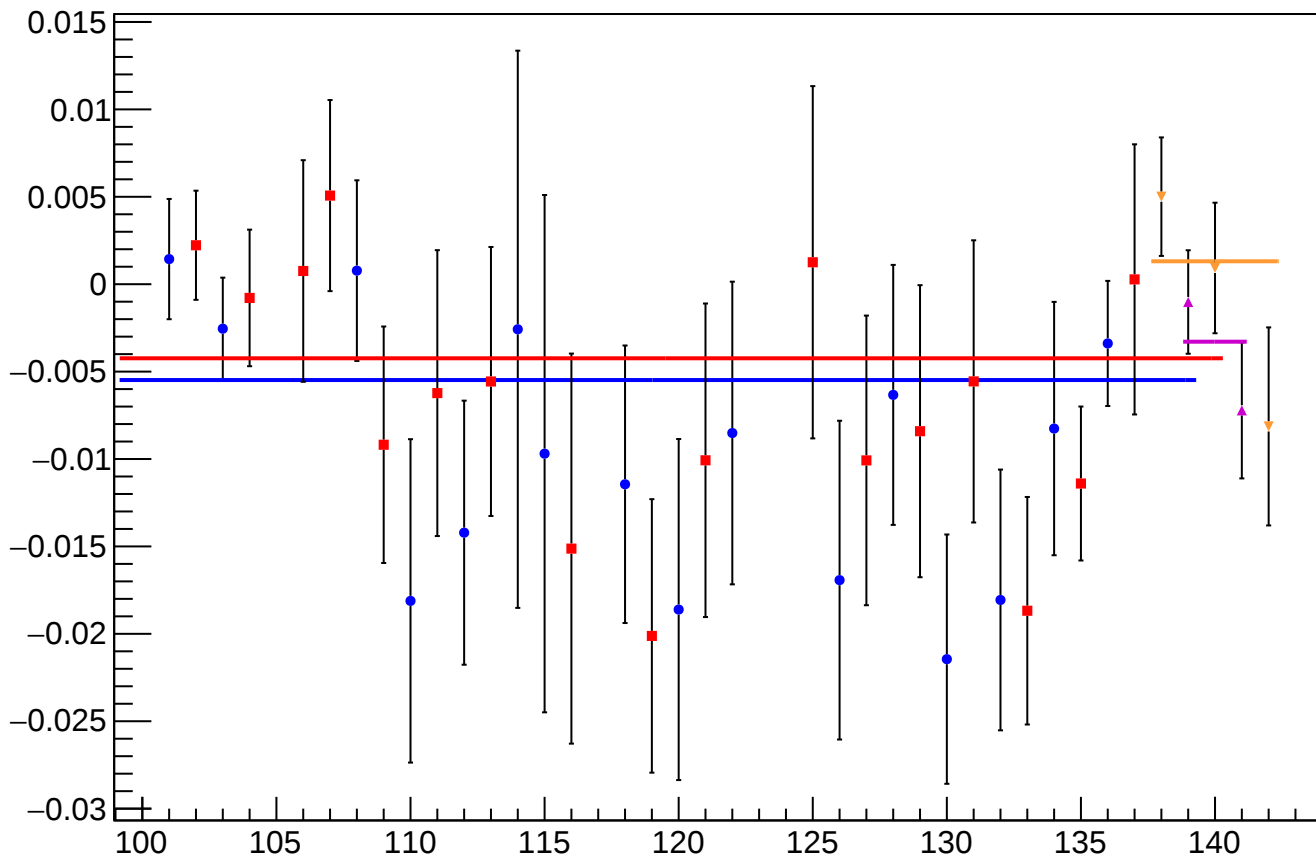
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.031 $\pm$ 0.025 χ^2 /NDF:17.7/17

Out: 0.111 $\pm$ 0.025 χ^2 /NDF:9.9/19

All: 0.071 $\pm$ 0.018 χ^2 /NDF: 32.6/37

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.002 χ^2/NDF : 4.0/2

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.003 ± 0.002 χ^2/NDF : 1.6/1

Left: -0.001 ± 0.002 χ^2/NDF : 7.5/4

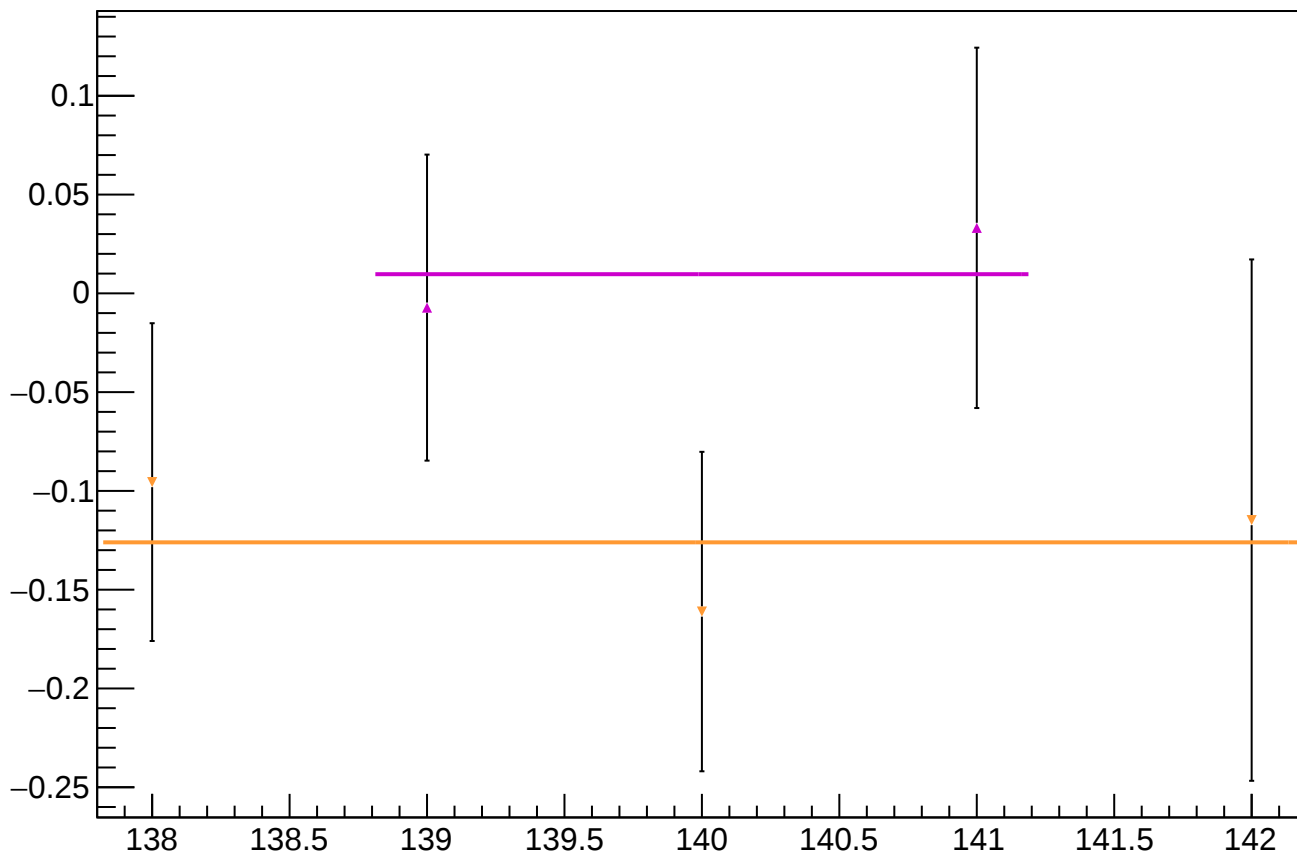
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.005 ± 0.001 χ^2/NDF : 24.5/17

Out: -0.003 ± 0.001 χ^2/NDF : 31.8/19

All: -0.004 ± 0.001 χ^2/NDF : 58.0/37

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.126+/-0.052 χ^2/NDF : 0.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.010+/-0.059 χ^2/NDF : 0.1/1

Left: -0.066+/-0.039 χ^2/NDF : 3.4/4

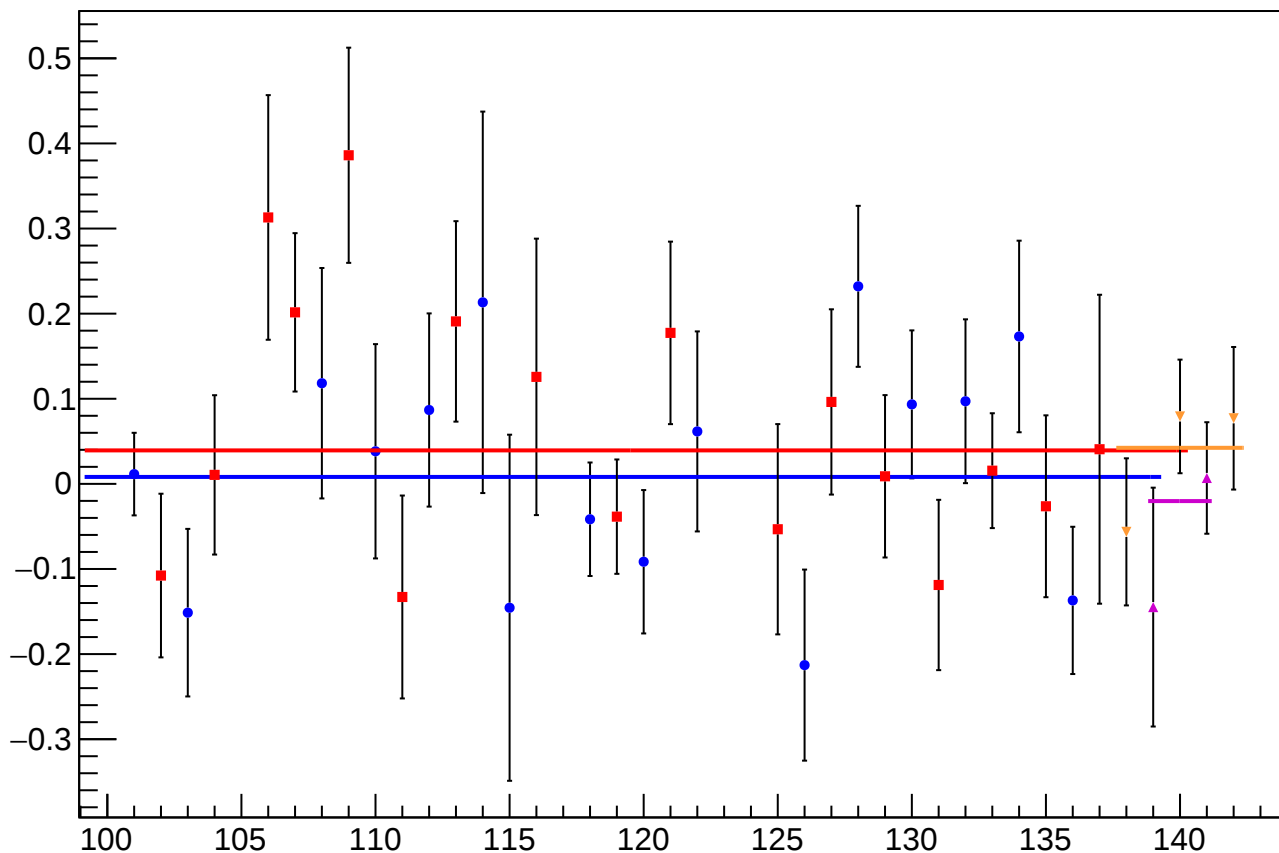
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.010+/-0.059 χ^2/NDF : 0.1/1

Out: -0.126+/-0.052 χ^2/NDF : 0.3/2

All: -0.066+/-0.039 χ^2/NDF : 3.4/4

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.042 $\pm$ 0.045 χ^2 /NDF:1.8/2

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: -0.020 $\pm$ 0.059 χ^2 /NDF:1.0/1

Left: 0.020 $\pm$ 0.036 χ^2 /NDF: 3.5/4

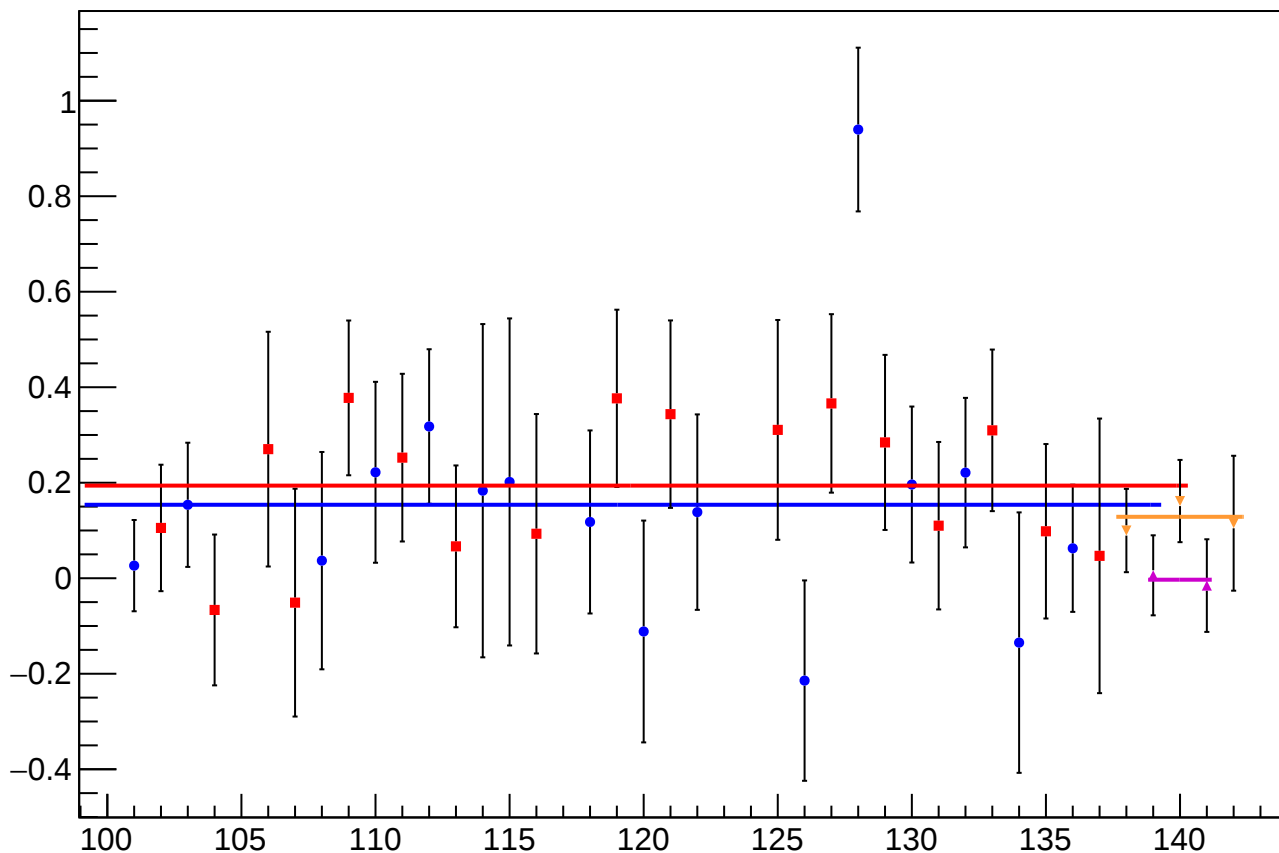
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.004 $\pm$ 0.022 χ^2 /NDF:24.8/17

Out: 0.040 $\pm$ 0.022 χ^2 /NDF:29.4/19

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 55.6/37

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.129 ± 0.056 χ^2/NDF : 0.3/2

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: -0.003 ± 0.063 χ^2/NDF : 0.0/1

Left: 0.071 ± 0.042 χ^2/NDF : 2.7/4

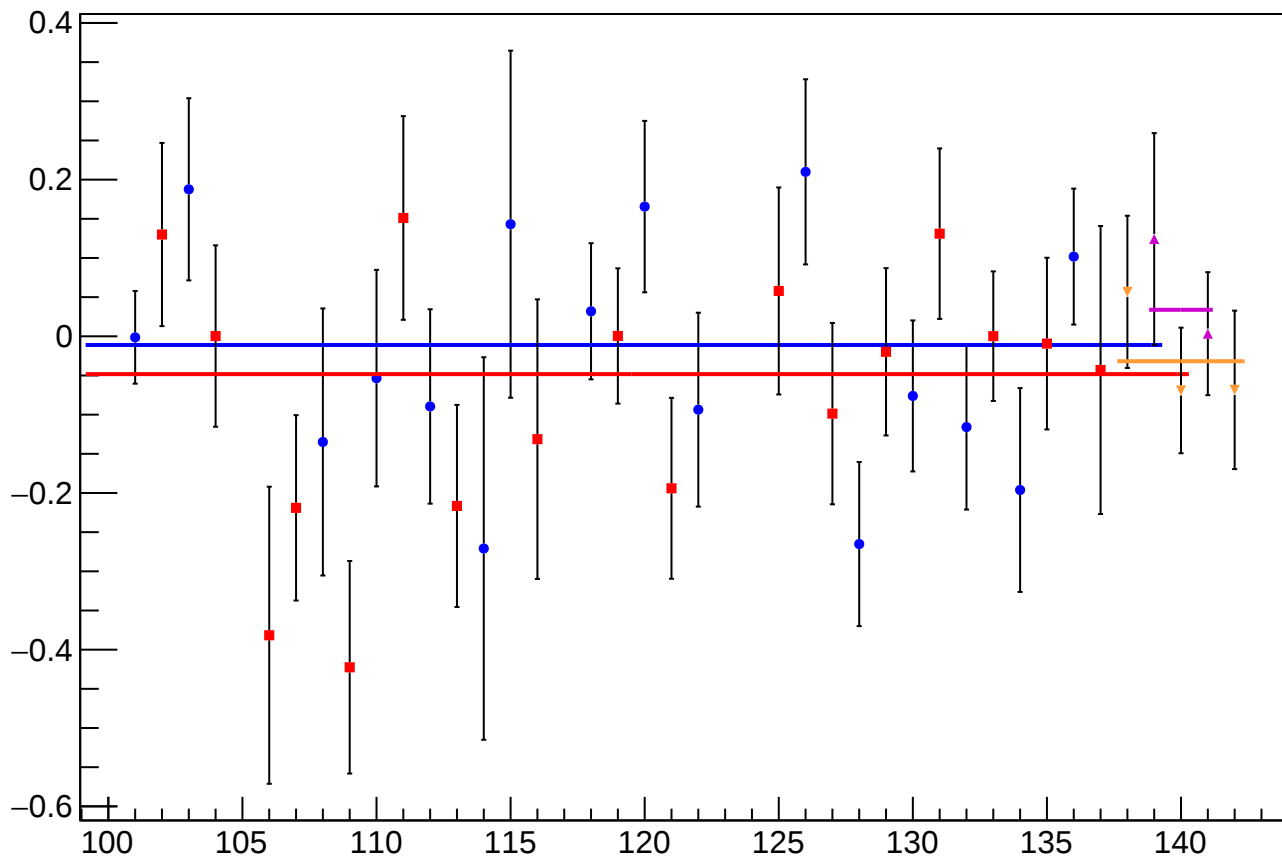
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.105 ± 0.035 χ^2/NDF : 34.7/17

Out: 0.168 ± 0.035 χ^2/NDF : 11.7/19

All: 0.137 ± 0.025 χ^2/NDF : 48.0/37

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.032 ± 0.053 χ^2/NDF : 1.2/2

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.034 ± 0.068 χ^2/NDF : 0.6/1

Left: -0.007 ± 0.042 χ^2/NDF : 2.4/4

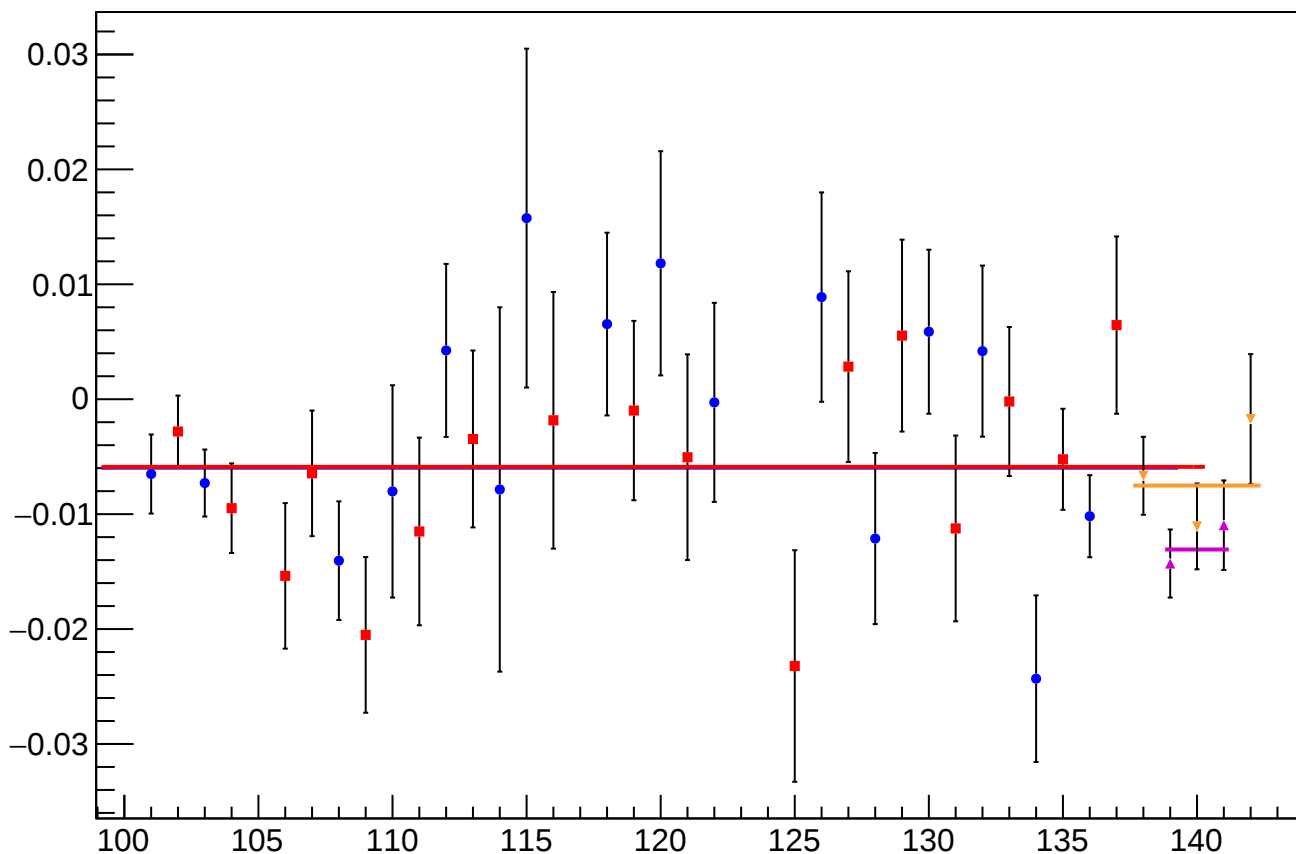
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.005 ± 0.025 χ^2/NDF : 24.4/17

Out: -0.045 ± 0.025 χ^2/NDF : 26.8/19

All: -0.025 ± 0.018 χ^2/NDF : 52.5/37

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.008 ± 0.002 χ^2/NDF : 2.0/2

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.013 ± 0.002 χ^2/NDF : 0.5/1

Left: -0.010 ± 0.002 χ^2/NDF : 5.3/4

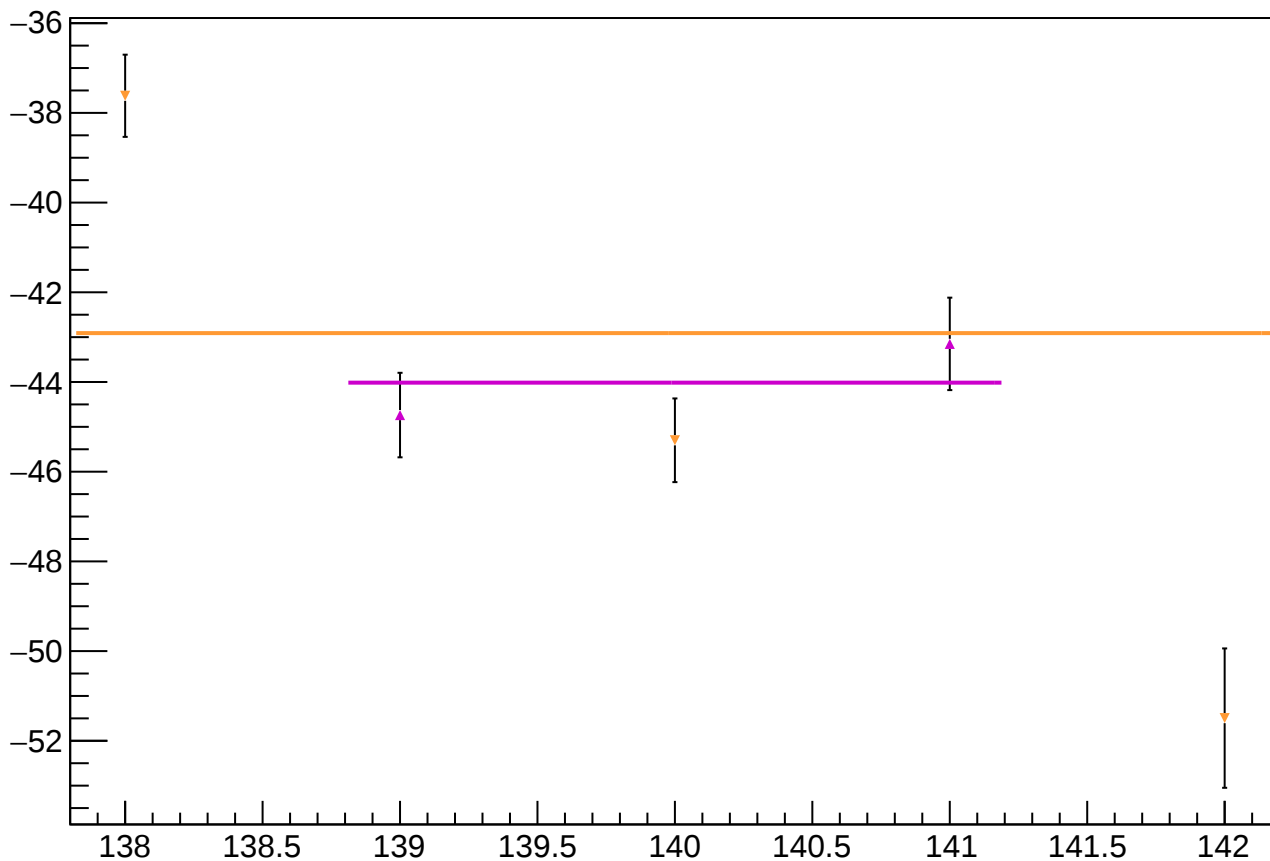
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.006 ± 0.001 χ^2/NDF : 21.9/19

All: -0.007 ± 0.001 χ^2/NDF : 58.6/37

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.910+/-0.603 χ^2/NDF : 70.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Left: -43.384+/-0.455 χ^2/NDF : 73.2/4

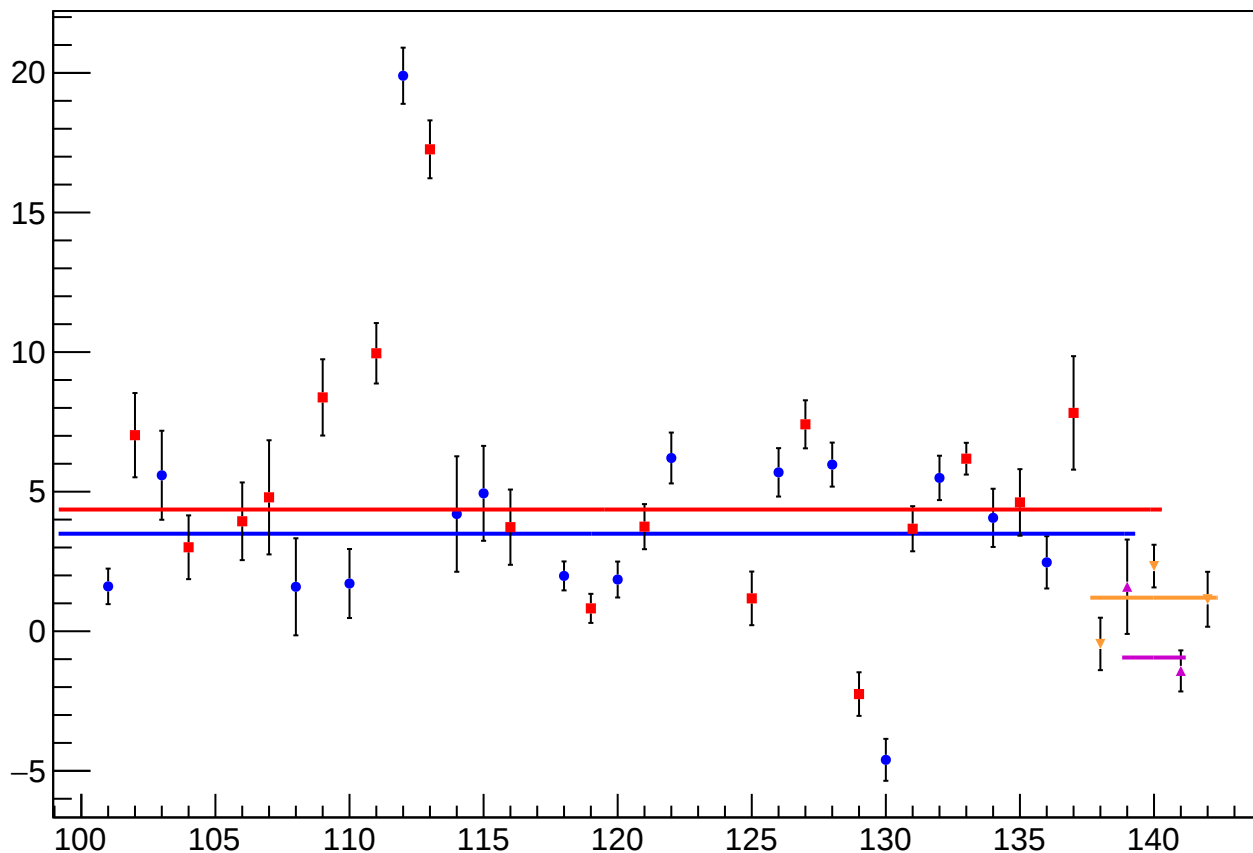
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Out: -42.910+/-0.603 χ^2/NDF : 70.4/2

All: -43.384+/-0.455 χ^2/NDF : 73.2/4

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.203 ± 0.508 $\chi^2/\text{NDF}: 5.3/2$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

Left: 0.427 ± 0.406 $\chi^2/\text{NDF}: 14.4/4$

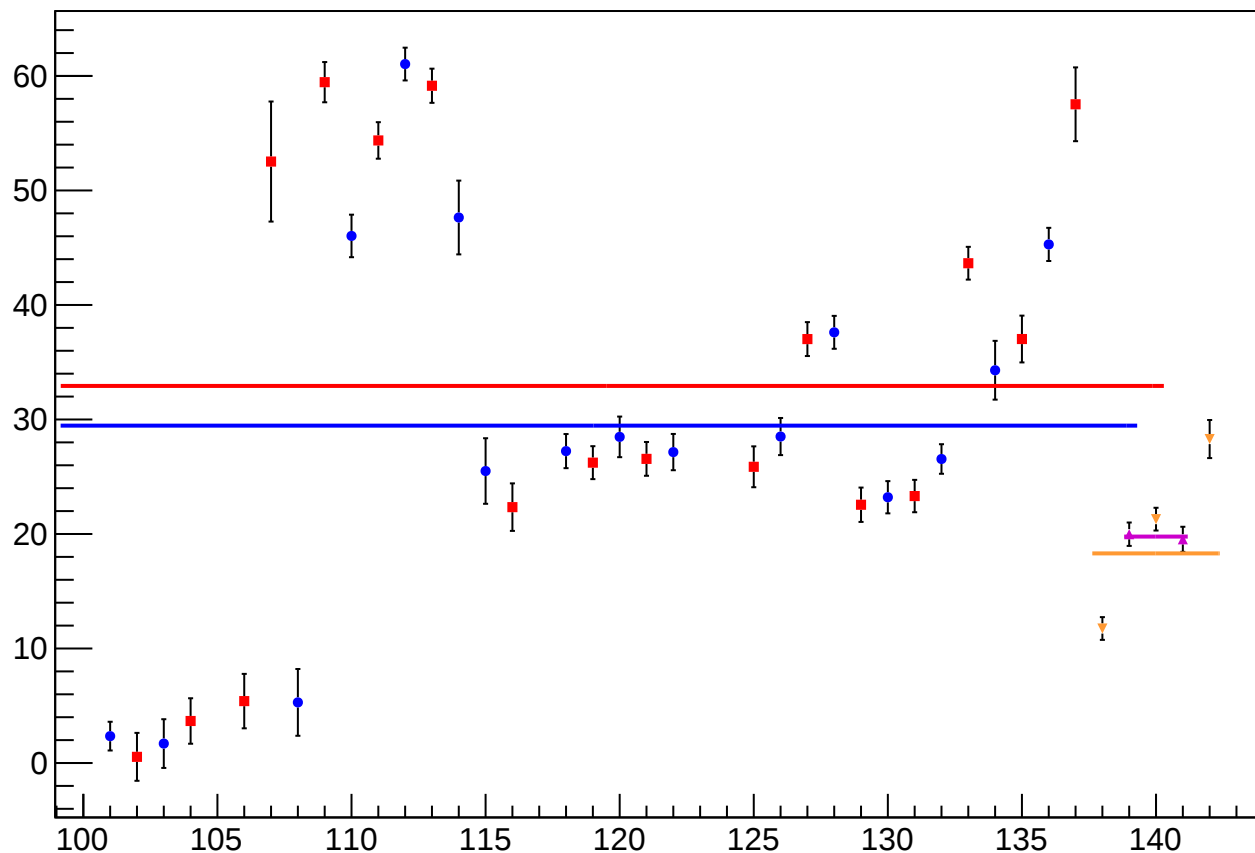
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 3.076 ± 0.207 $\chi^2/\text{NDF}: 486.7/17$

Out: 3.841 ± 0.206 $\chi^2/\text{NDF}: 388.6/19$

All: 3.460 ± 0.146 $\chi^2/\text{NDF}: 882.2/37$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 18.305 $\pm$ 0.647 χ^2 /NDF:88.7/2

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 19.774 $\pm$ 0.747 χ^2 /NDF:0.1/1

Left: 18.935 $\pm$ 0.489 χ^2 /NDF: 91.0/4

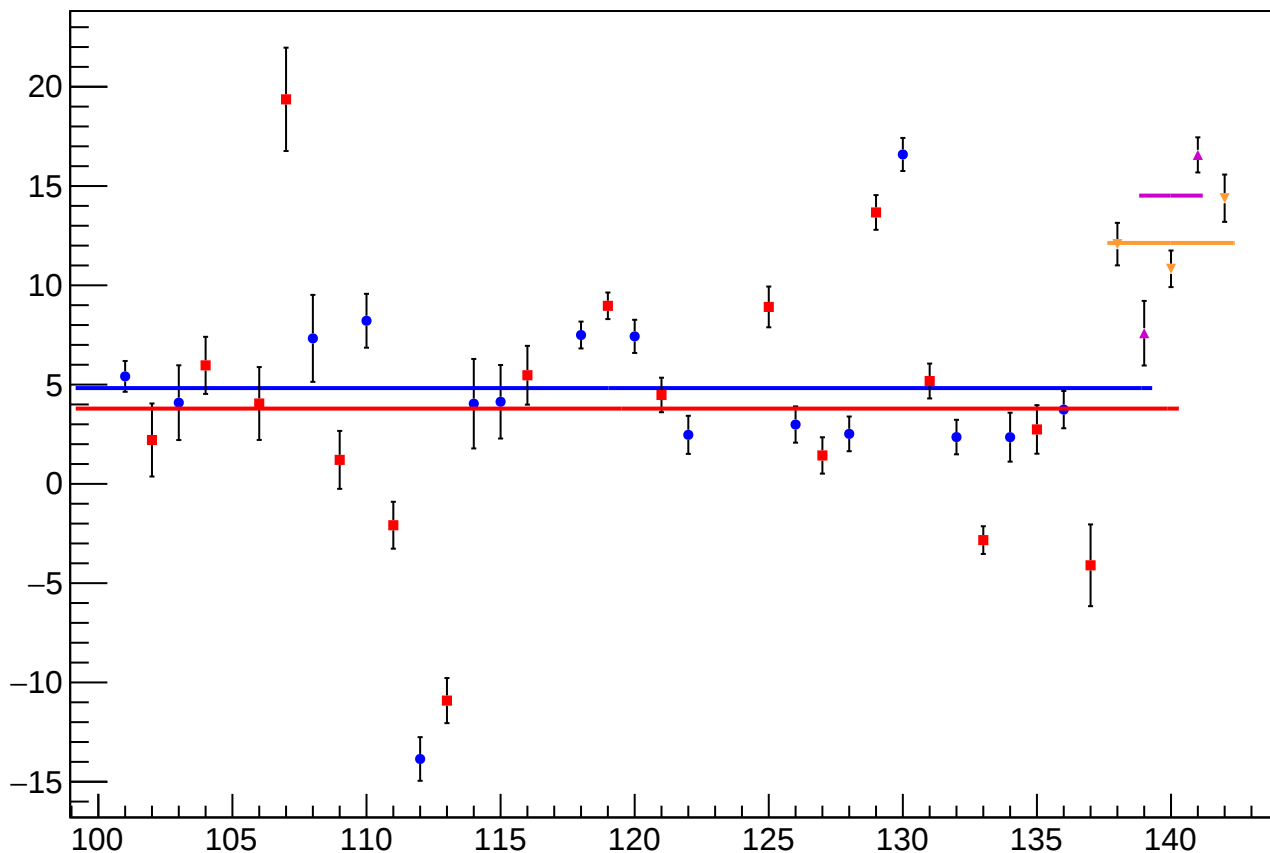
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 27.156 $\pm$ 0.364 χ^2 /NDF:1619.9/17

Out: 28.545 $\pm$ 0.354 χ^2 /NDF:2070.7/19

All: 27.870 $\pm$ 0.254 χ^2 /NDF: 3698.0/37

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 12.135 $\pm$ 0.602 χ^2 /NDF: 5.6/2

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 14.518 $\pm$ 0.777 χ^2 /NDF: 23.5/1

Left: 13.029 $\pm$ 0.476 χ^2 /NDF: 35.0/4

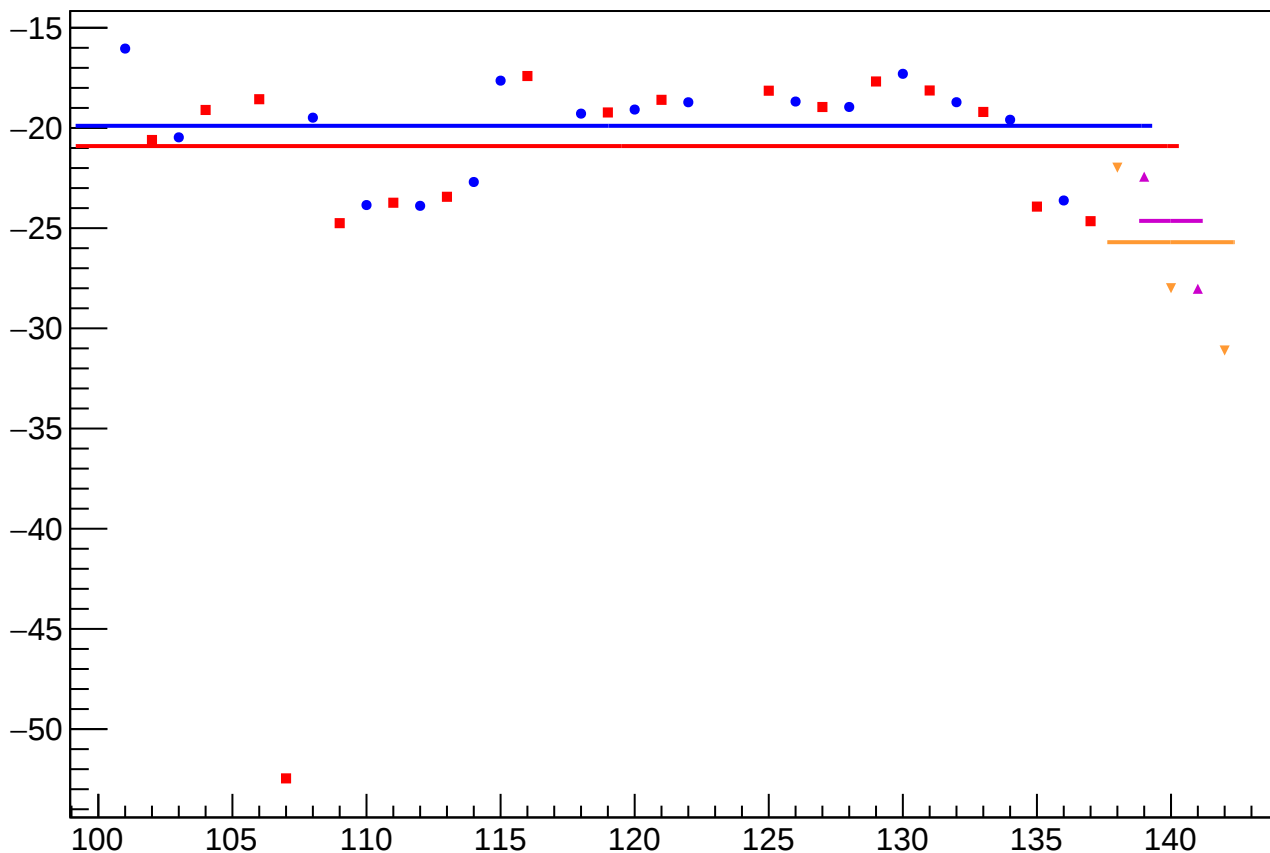
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 5.744 $\pm$ 0.239 χ^2 /NDF: 717.3/17

Out: 5.094 $\pm$ 0.238 χ^2 /NDF: 731.1/19

All: 5.417 $\pm$ 0.169 χ^2 /NDF: 1452.1/37

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -25.700 ± 0.027 χ^2/NDF : 18412.0/2

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -24.637 ± 0.028 χ^2/NDF : 9648.3/1

Left: -25.192 ± 0.019 χ^2/NDF : 28822.1/4

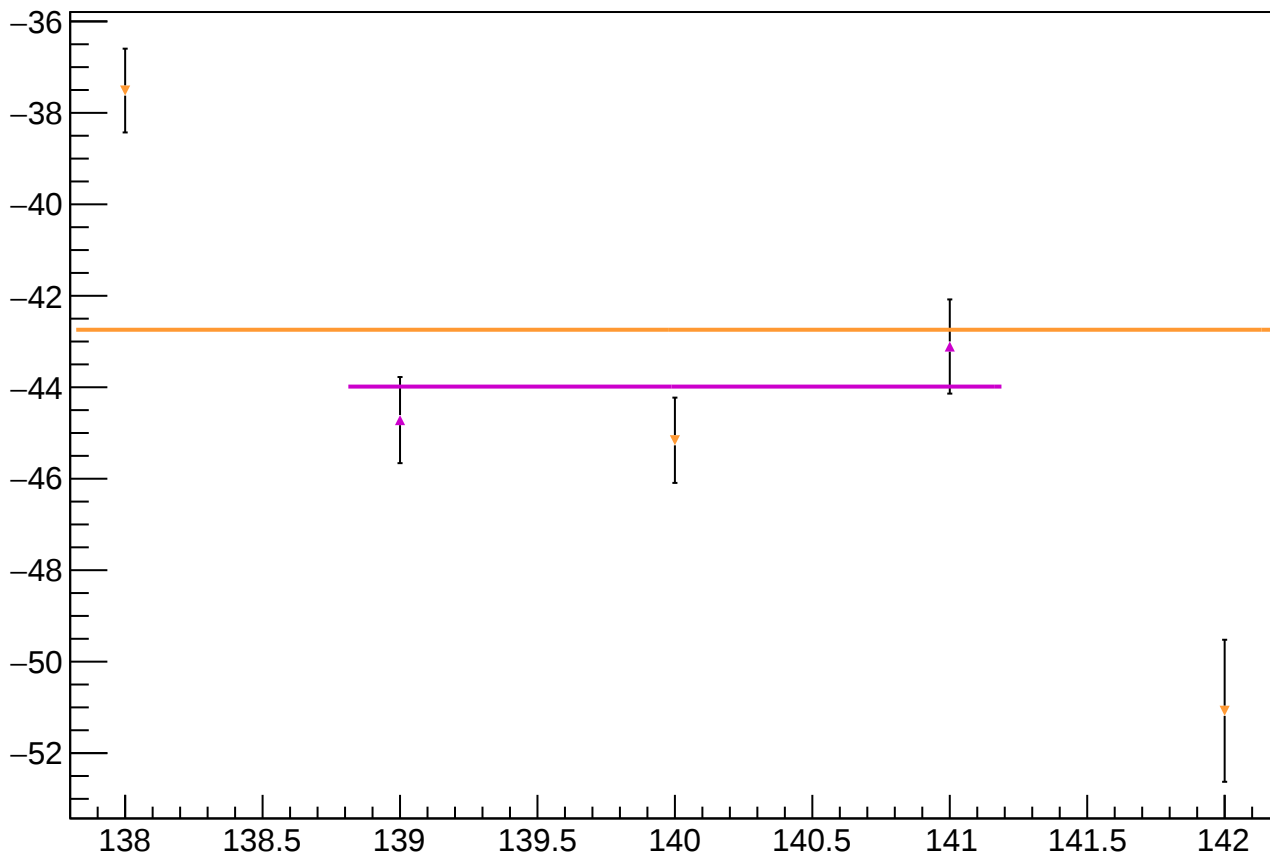
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -21.025 ± 0.014 χ^2/NDF : 57858.9/17

Out: -22.145 ± 0.014 χ^2/NDF : 135259.8/19

All: -21.587 ± 0.010 χ^2/NDF : 196524.8/37

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.742+/-0.602 χ^2/NDF : 68.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.985+/-0.695 χ^2/NDF : 1.3/1

Left: -43.276+/-0.455 χ^2/NDF : 71.3/4

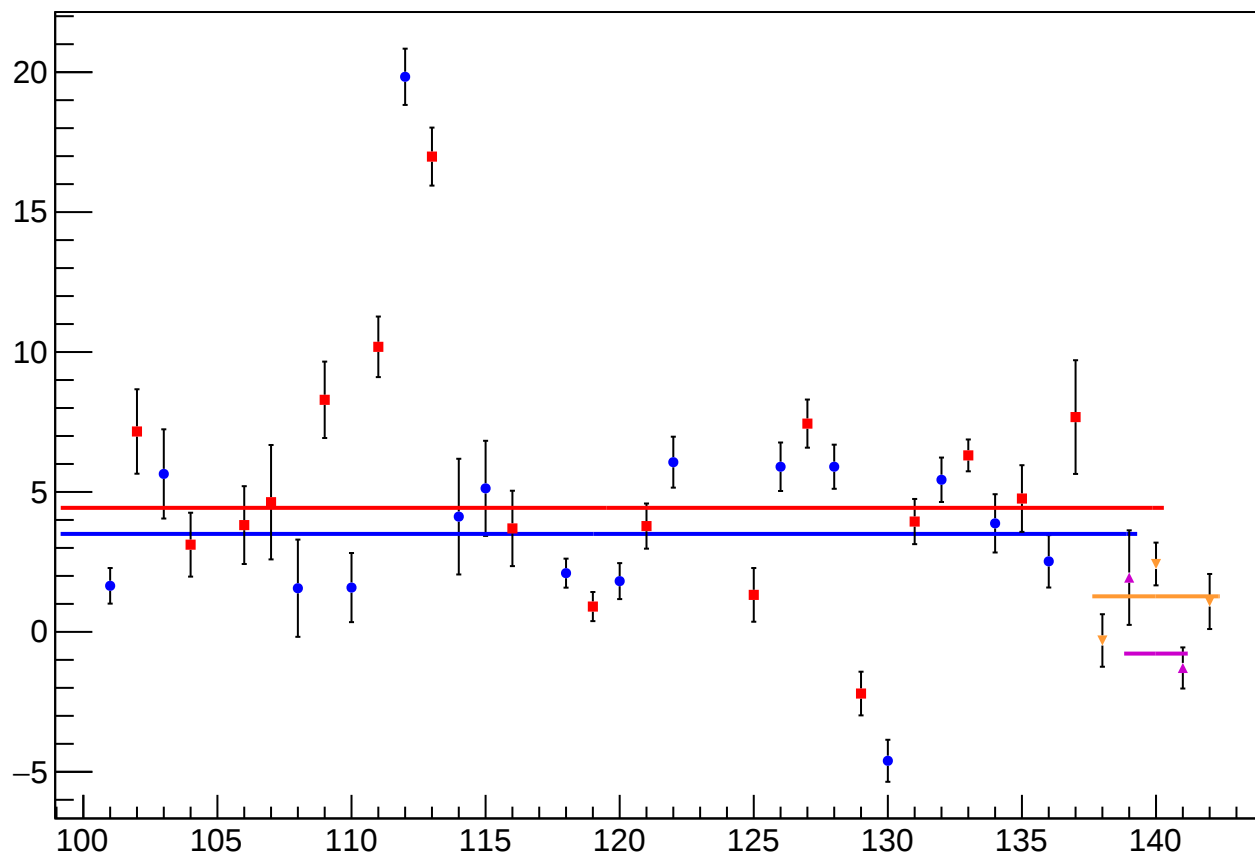
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.985+/-0.695 χ^2/NDF : 1.3/1

Out: -42.742+/-0.602 χ^2/NDF : 68.1/2

All: -43.276+/-0.455 χ^2/NDF : 71.3/4

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.270 ± 0.507 $\chi^2/\text{NDF}: 5.2/2$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: -0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

Left: 0.530 ± 0.405 $\chi^2/\text{NDF}: 14.1/4$

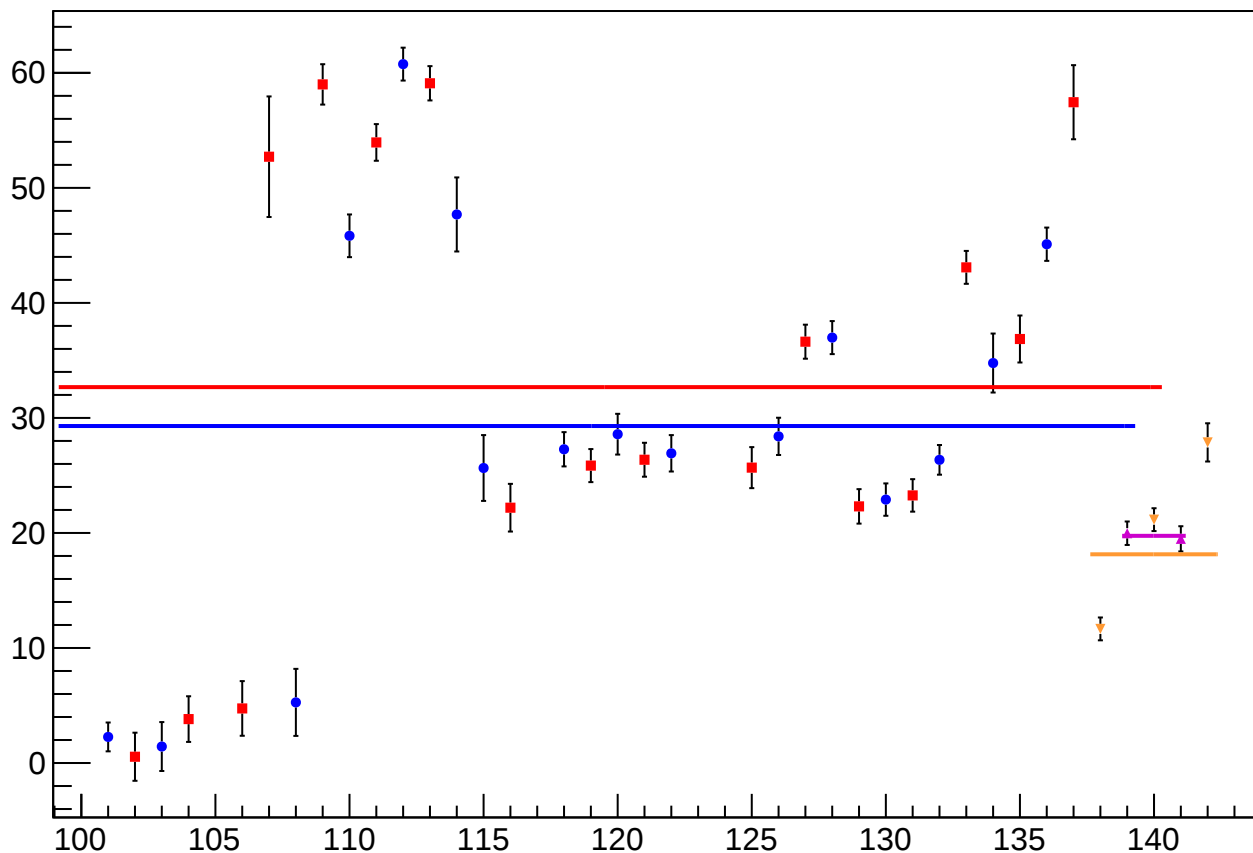
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 3.098 ± 0.207 $\chi^2/\text{NDF}: 481.5/17$

Out: 3.912 ± 0.206 $\chi^2/\text{NDF}: 381.1/19$

All: 3.507 ± 0.146 $\chi^2/\text{NDF}: 870.4/37$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 18.145 $\pm$ 0.647 χ^2 /NDF:86.1/2

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 19.750 $\pm$ 0.746 χ^2 /NDF:0.1/1

Left: 18.833 $\pm$ 0.489 χ^2 /NDF: 88.9/4

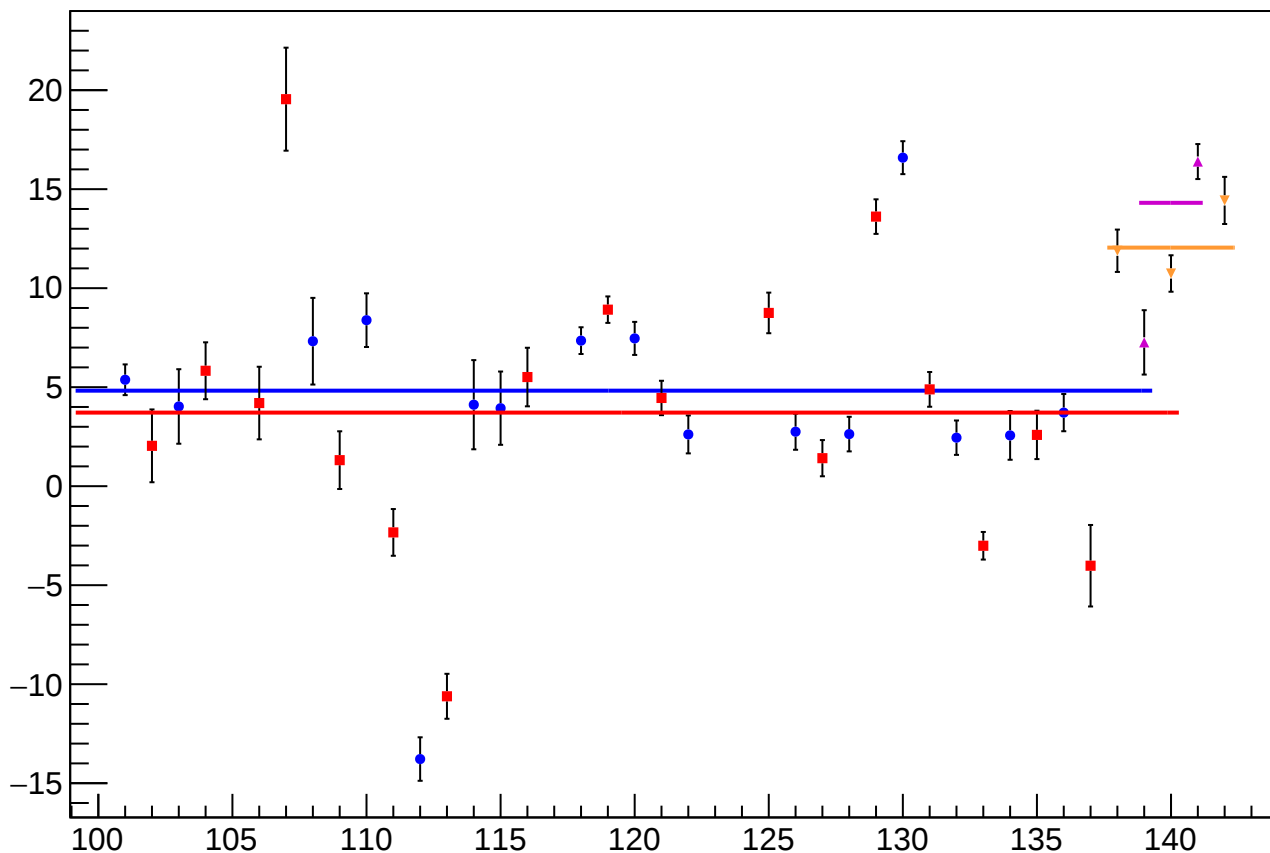
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 27.024 $\pm$ 0.364 χ^2 /NDF:1610.0/17

Out: 28.322 $\pm$ 0.354 χ^2 /NDF:2054.4/19

All: 27.691 $\pm$ 0.254 χ^2 /NDF: 3670.9/37

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 12.049 $\pm$ 0.602 χ^2 /NDF: 6.0/2

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 14.310 $\pm$ 0.777 χ^2 /NDF: 24.4/1

Left: 12.898 $\pm$ 0.476 χ^2 /NDF: 35.7/4

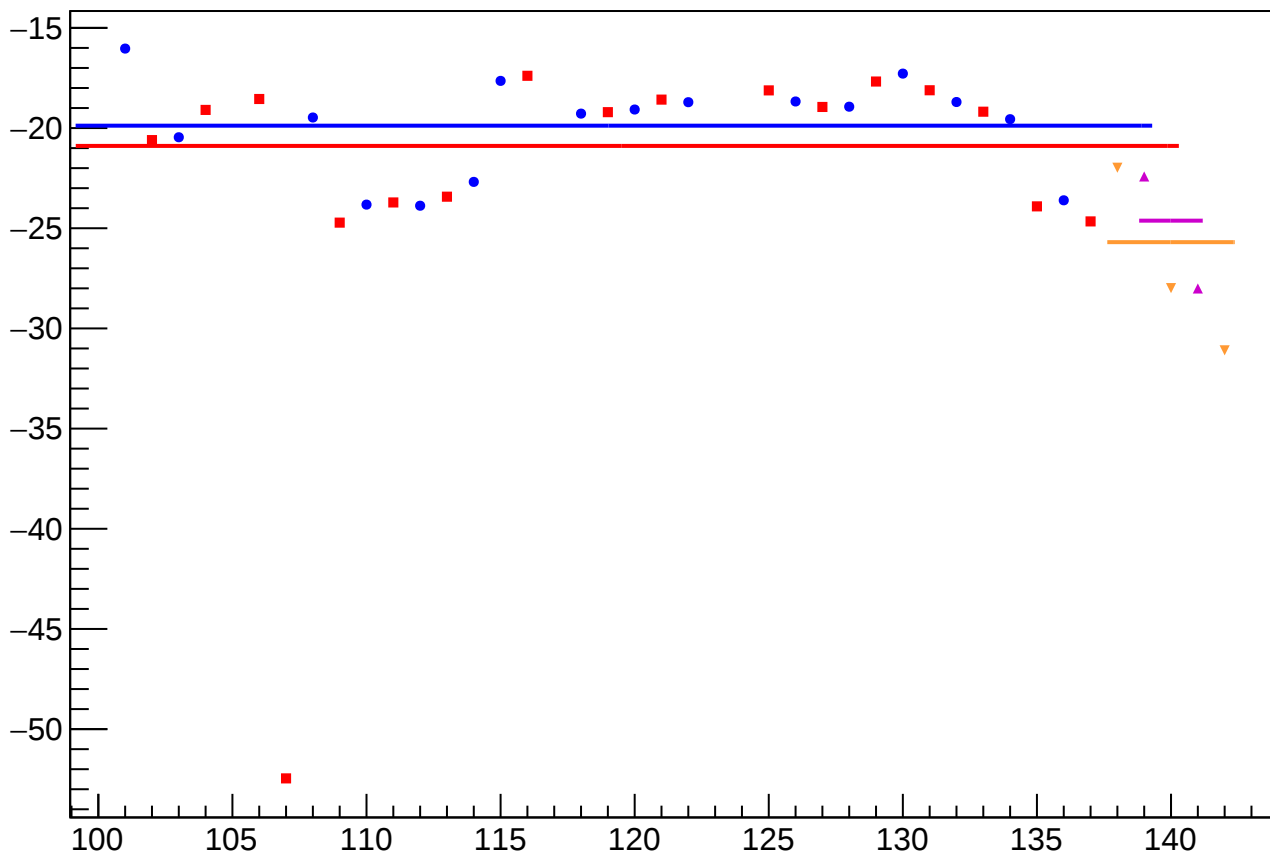
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 5.725 $\pm$ 0.239 χ^2 /NDF: 708.7/17

Out: 5.016 $\pm$ 0.238 χ^2 /NDF: 727.7/19

All: 5.368 $\pm$ 0.169 χ^2 /NDF: 1440.8/37

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -25.694 $\pm$ 0.027 χ^2 /NDF:18388.1/2

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -24.621 $\pm$ 0.028 χ^2 /NDF:9649.0/1

Left: -25.181 $\pm$ 0.019 χ^2 /NDF: 28813.9/4

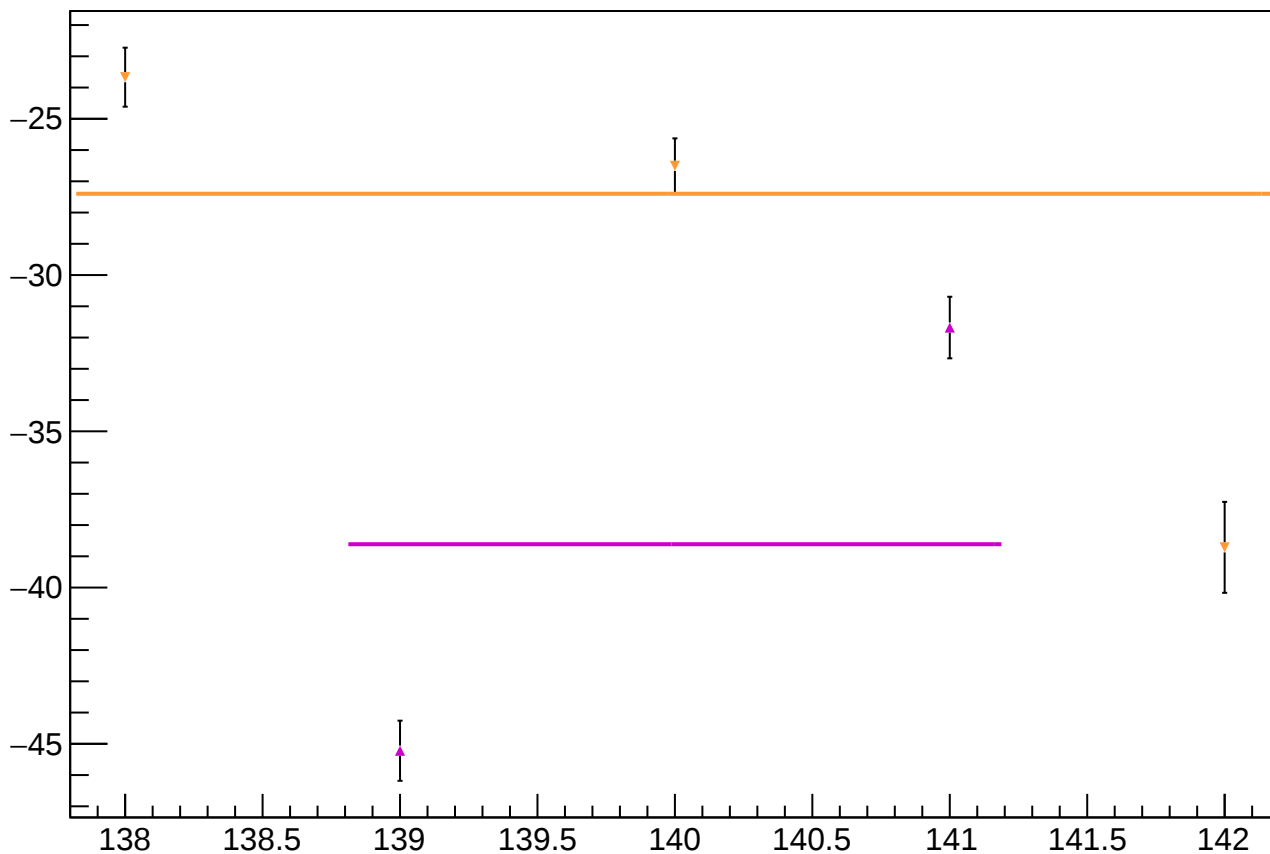
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.012 $\pm$ 0.014 χ^2 /NDF:57847.0/17

Out: -22.134 $\pm$ 0.014 χ^2 /NDF:135445.5/19

All: -21.575 $\pm$ 0.010 χ^2 /NDF: 196710.6/37

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.398+/-0.588 χ^2/NDF : 77.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Left: -32.133+/-0.447 χ^2/NDF : 327.3/4

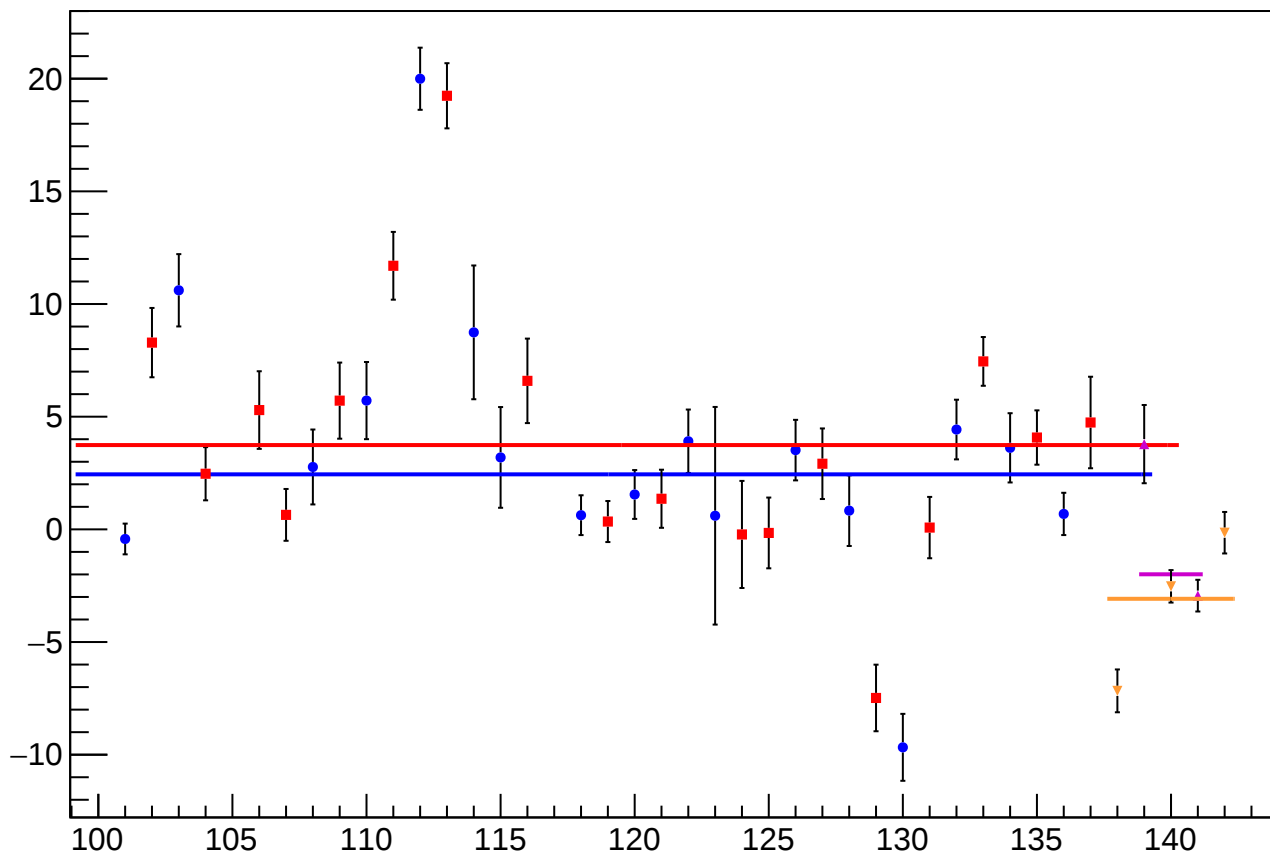
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Out: -27.398+/-0.588 χ^2/NDF : 77.1/2

All: -32.133+/-0.447 χ^2/NDF : 327.3/4

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -3.081 ± 0.487 $\chi^2/\text{NDF}: 29.2/2$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: -1.994 ± 0.652 $\chi^2/\text{NDF}: 12.9/1$

Left: -2.692 ± 0.390 $\chi^2/\text{NDF}: 43.9/4$

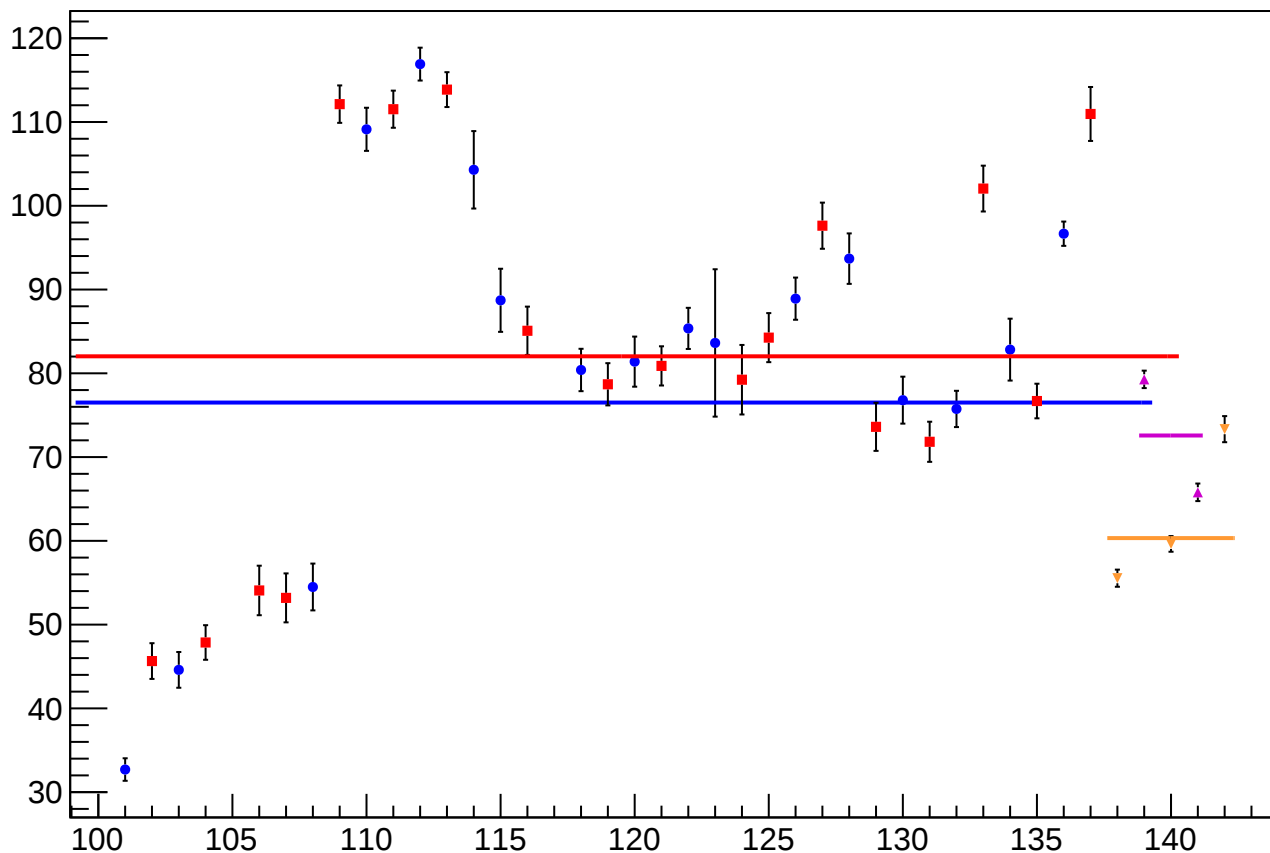
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.617 ± 0.281 $\chi^2/\text{NDF}: 345.3/18$

Out: 1.625 ± 0.271 $\chi^2/\text{NDF}: 432.6/20$

All: 1.621 ± 0.195 $\chi^2/\text{NDF}: 777.9/39$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 60.328+/-0.631 χ^2/NDF : 92.1/2

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 72.576+/-0.738 χ^2/NDF : 83.4/1

Left: 65.500+/-0.480 χ^2/NDF : 334.4/4

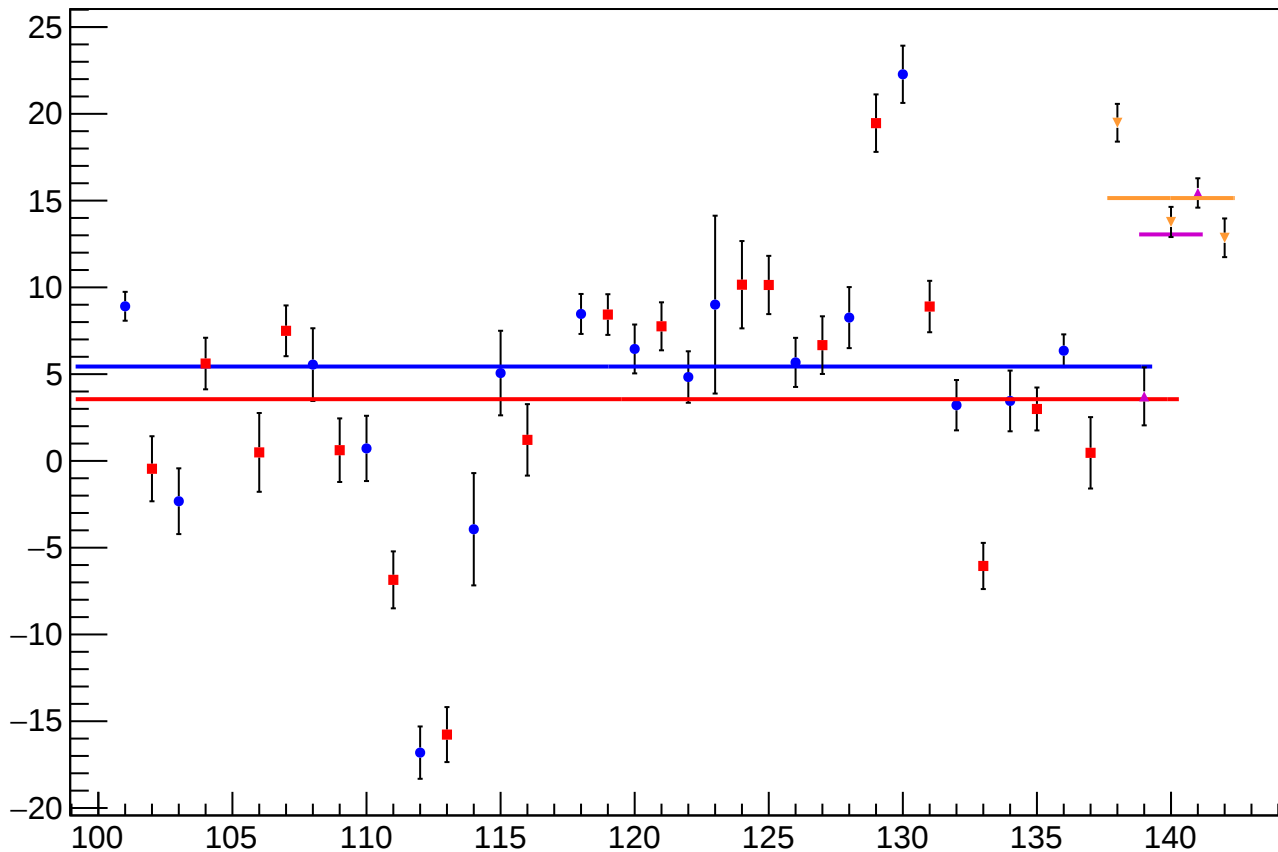
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 75.027+/-0.453 χ^2/NDF : 2351.9/18

Out: 71.864+/-0.432 χ^2/NDF : 2268.2/20

All: 73.370+/-0.313 χ^2/NDF : 4645.7/39

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 15.146 $\pm$ 0.580 χ^2 /NDF:22.6/2

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 13.051 $\pm$ 0.755 χ^2 /NDF:39.1/1

Left: 14.369 $\pm$ 0.460 χ^2 /NDF: 66.6/4

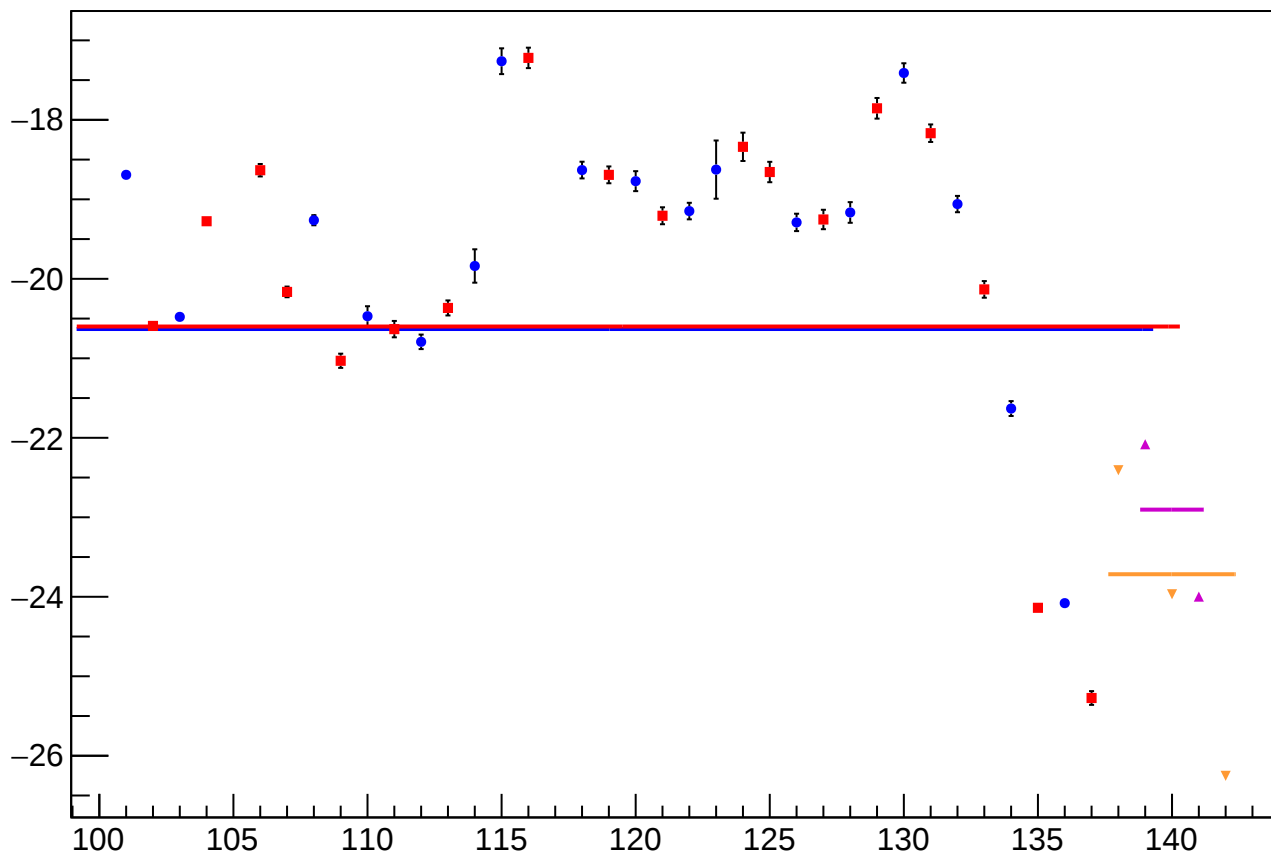
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 6.977 $\pm$ 0.315 χ^2 /NDF:724.8/20

All: 6.908 $\pm$ 0.226 χ^2 /NDF: 1233.3/39

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -23.716+/-0.026 χ^2/NDF : 2728.8/2

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -22.904+/-0.028 χ^2/NDF : 1168.5/1

Left: -23.335+/-0.019 χ^2/NDF : 4352.1/4

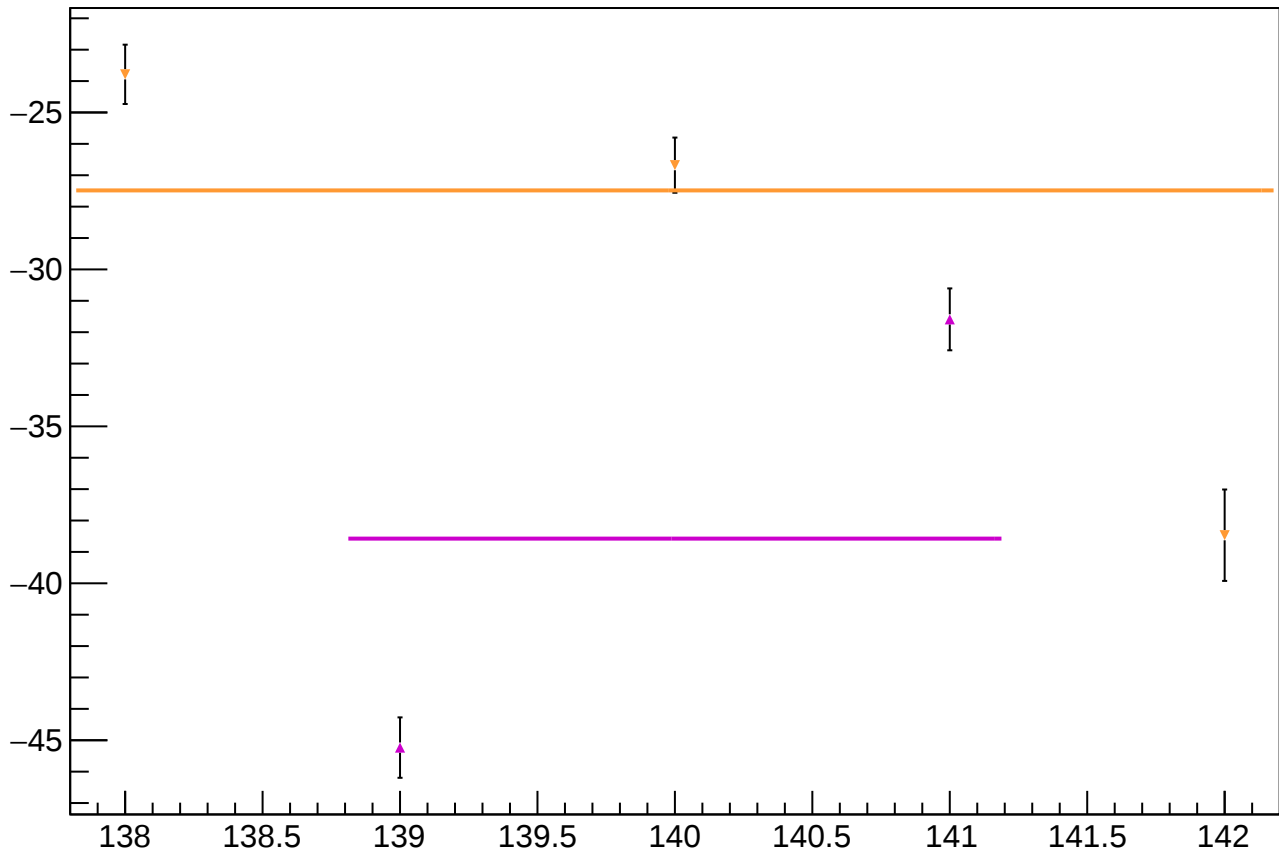
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -21.372+/-0.016 χ^2/NDF : 18189.6/18

Out: -21.712+/-0.016 χ^2/NDF : 23857.8/20

All: -21.545+/-0.011 χ^2/NDF : 42281.8/39

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.483+/-0.589 χ^2/NDF : 73.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Left: -32.166+/-0.447 χ^2/NDF : 321.0/4

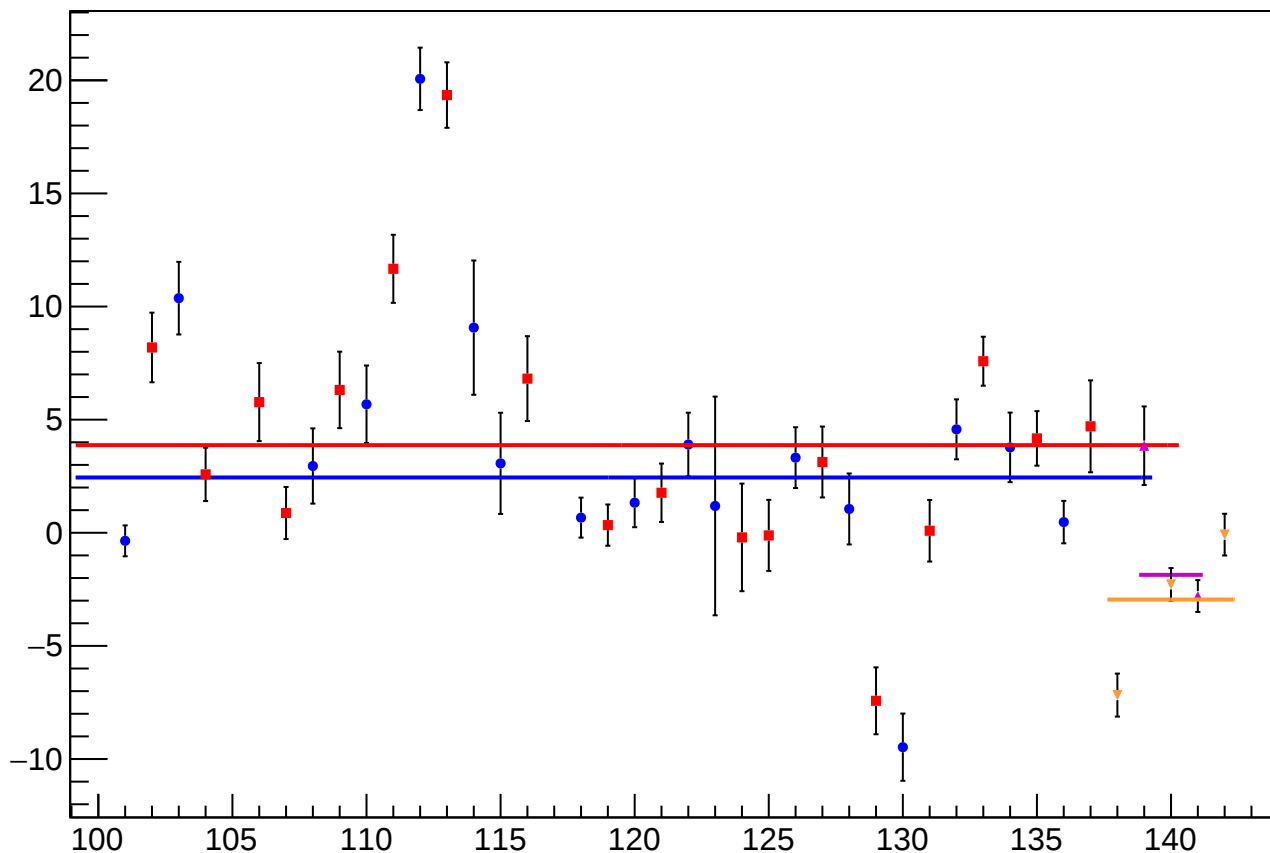
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Out: -27.483+/-0.589 χ^2/NDF : 73.1/2

All: -32.166+/-0.447 χ^2/NDF : 321.0/4

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: -2.950 $\pm$ 0.488 χ^2 /NDF:30.3/2

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: -1.859 $\pm$ 0.652 χ^2 /NDF:12.6/1

Left: -2.559 $\pm$ 0.391 χ^2 /NDF: 44.6/4

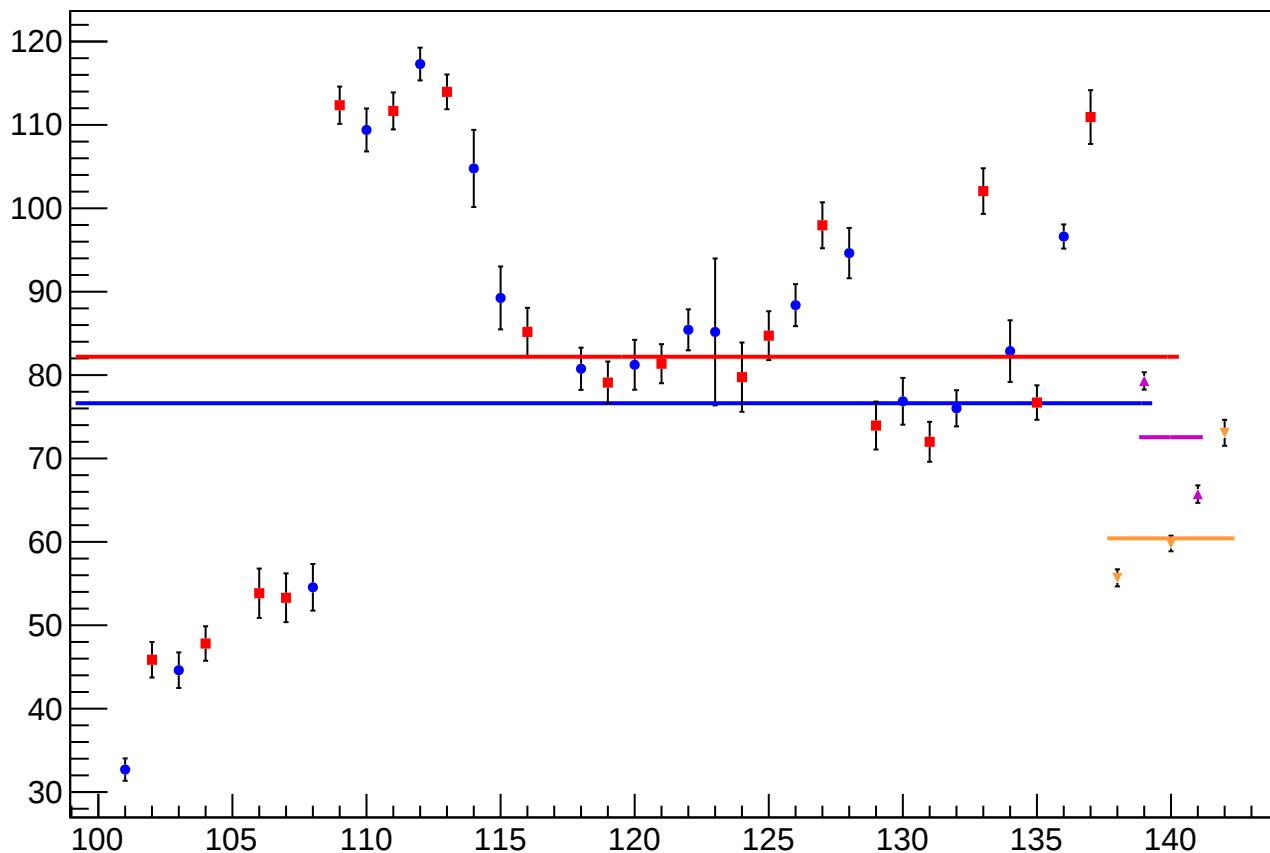
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 1.645 $\pm$ 0.281 χ^2 /NDF:340.7/18

Out: 1.758 $\pm$ 0.271 χ^2 /NDF:433.7/20

All: 1.703 $\pm$ 0.195 χ^2 /NDF: 774.5/39

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 60.423 $\pm$ 0.632 χ^2 /NDF: 87.8/2

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 72.555 $\pm$ 0.739 χ^2 /NDF: 84.3/1

Left: 65.546 $\pm$ 0.480 χ^2 /NDF: 327.9/4

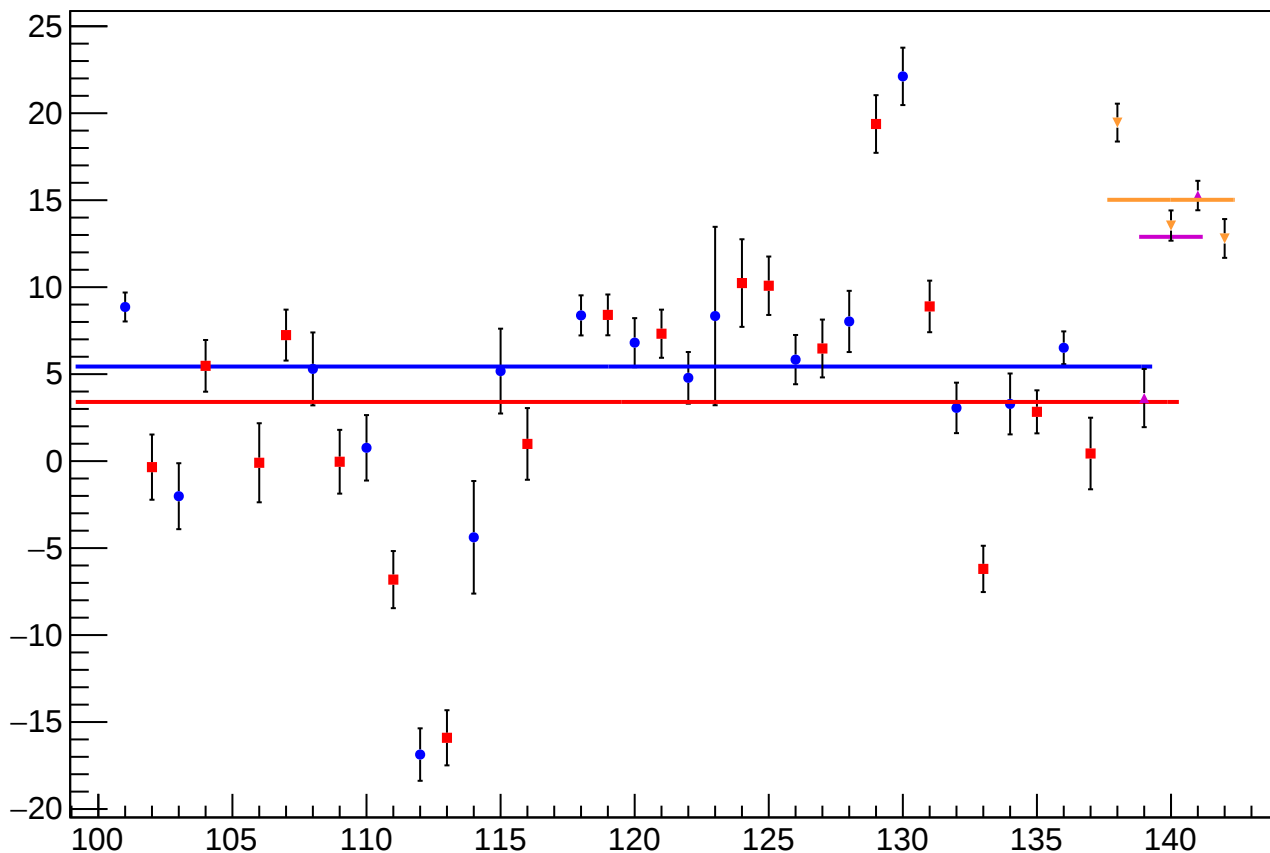
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 75.093 $\pm$ 0.454 χ^2 /NDF: 2366.1/18

Out: 72.000 $\pm$ 0.432 χ^2 /NDF: 2269.9/20

All: 73.472 $\pm$ 0.313 χ^2 /NDF: 4660.3/39

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 15.022 ± 0.580 $\chi^2/\text{NDF}: 23.5/2$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 12.894 ± 0.755 $\chi^2/\text{NDF}: 38.6/1$

Left: 14.232 ± 0.460 $\chi^2/\text{NDF}: 67.0/4$

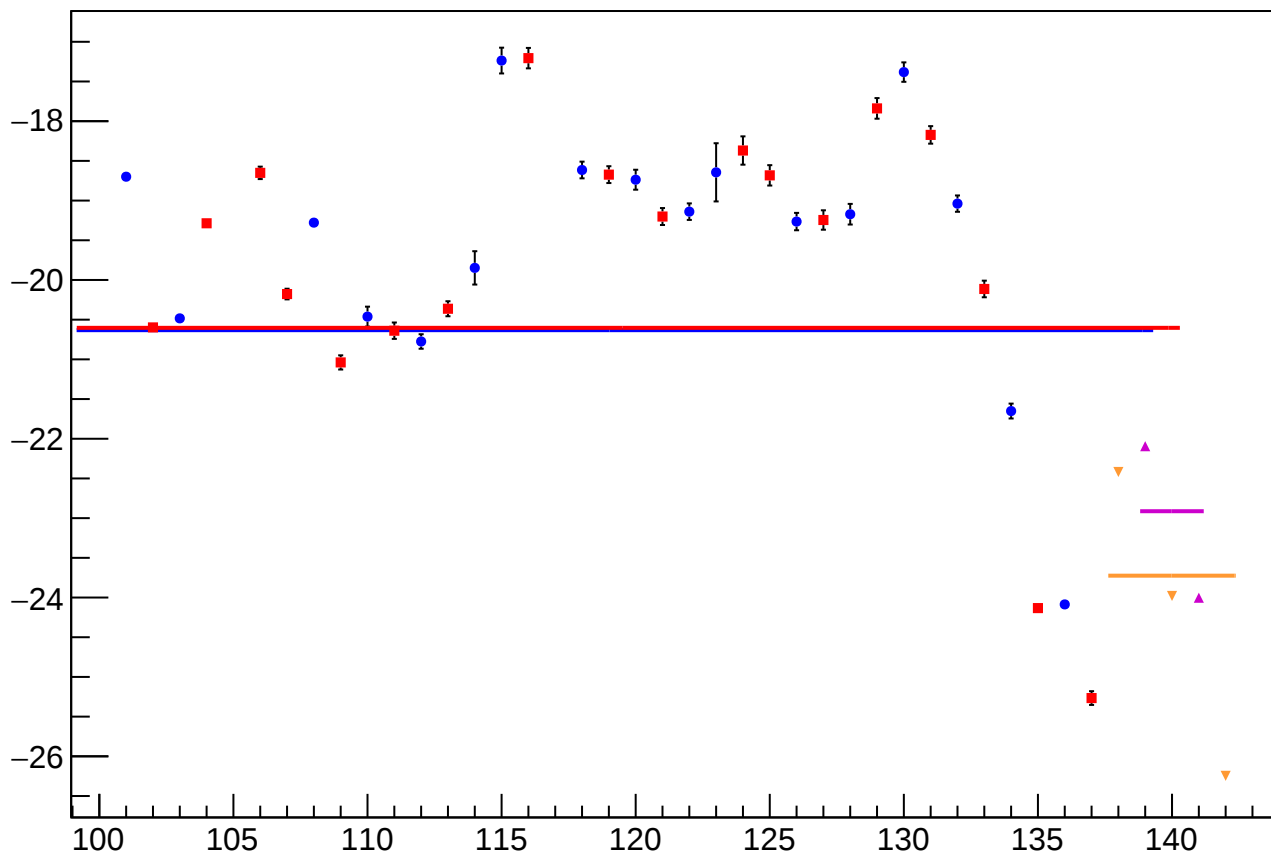
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 6.805 ± 0.324 $\chi^2/\text{NDF}: 502.7/18$

Out: 6.831 ± 0.315 $\chi^2/\text{NDF}: 727.1/20$

All: 6.818 ± 0.226 $\chi^2/\text{NDF}: 1229.8/39$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -23.725 ± 0.026 $\chi^2/\text{NDF}: 2703.3/2$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -22.913 ± 0.028 $\chi^2/\text{NDF}: 1157.0/1$

Left: -23.343 ± 0.019 $\chi^2/\text{NDF}: 4313.5/4$

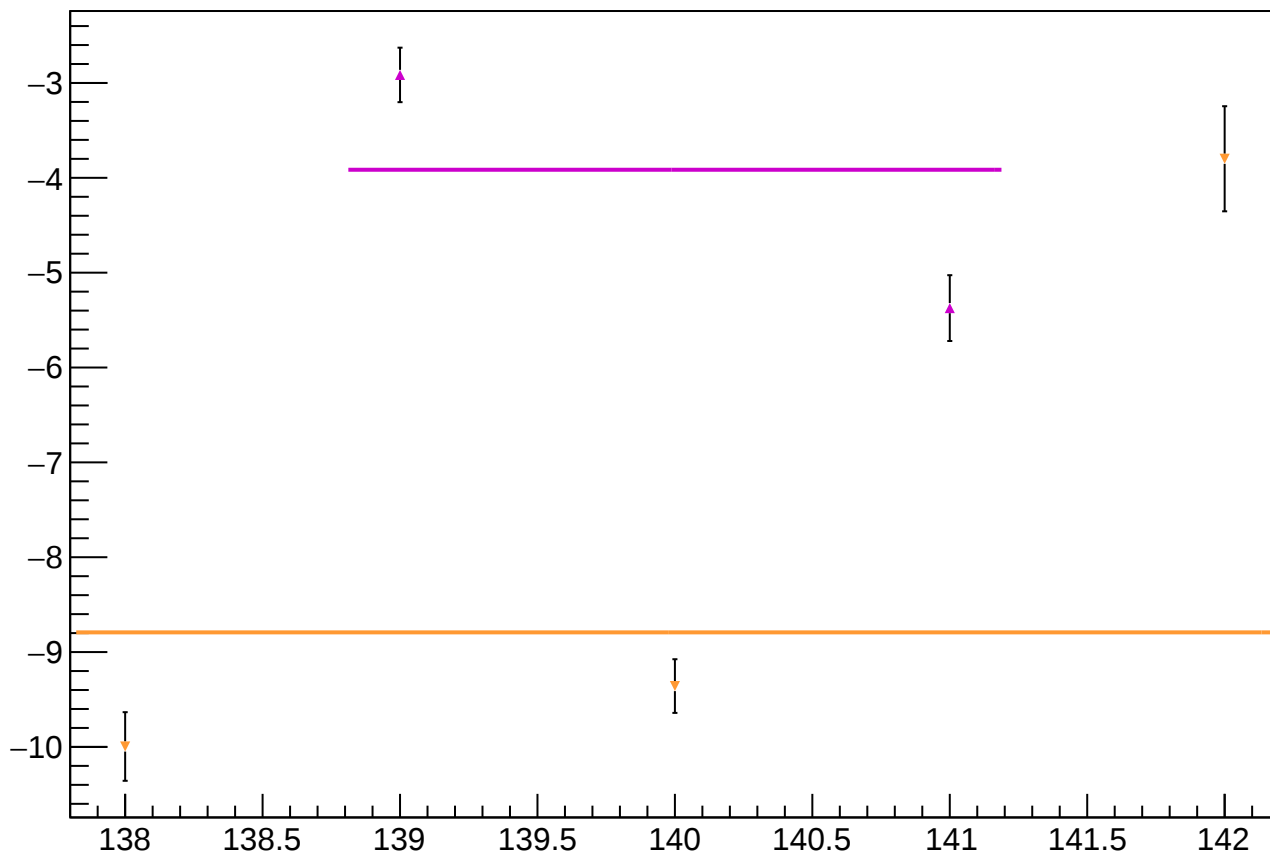
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -21.375 ± 0.016 $\chi^2/\text{NDF}: 18246.9/18$

Out: -21.717 ± 0.016 $\chi^2/\text{NDF}: 23804.9/20$

All: -21.549 ± 0.011 $\chi^2/\text{NDF}: 42287.4/39$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.792+/-0.207 χ^2/NDF :96.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.915+/-0.221 χ^2/NDF :29.8/1

Left: -6.519+/-0.151 χ^2/NDF : 385.5/4

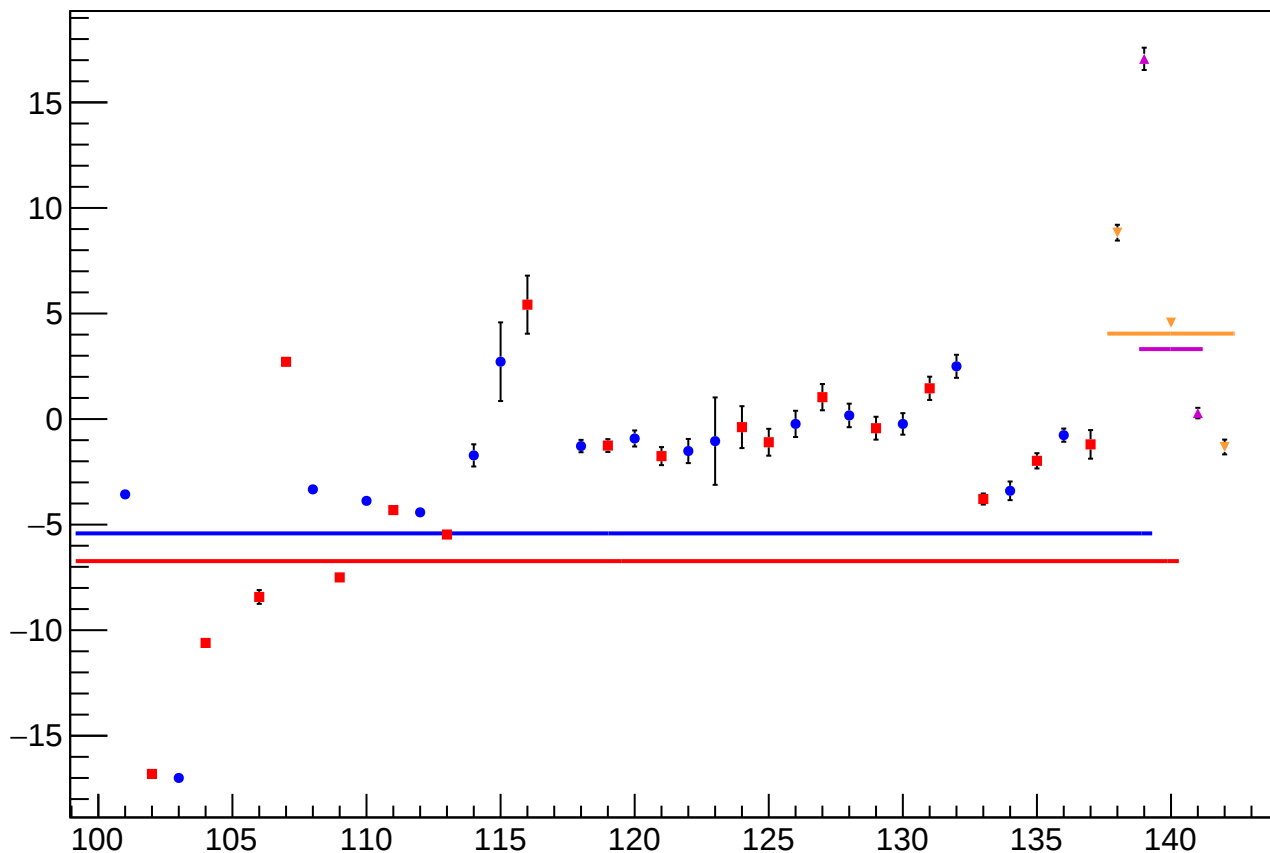
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.915+/-0.221 χ^2/NDF :29.8/1

Out: -8.792+/-0.207 χ^2/NDF :96.3/2

All: -6.519+/-0.151 χ^2/NDF : 385.5/4

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2/NDF : 9255.1/16

Left Out: 4.048 $\pm$ 0.173 χ^2/NDF : 401.7/2

Right Out: -6.729 $\pm$ 0.060 χ^2/NDF : 11217.0/17

Left In: 3.314 $\pm$ 0.225 χ^2/NDF : 823.9/1

Left: 3.775 $\pm$ 0.137 χ^2/NDF : 1232.3/4

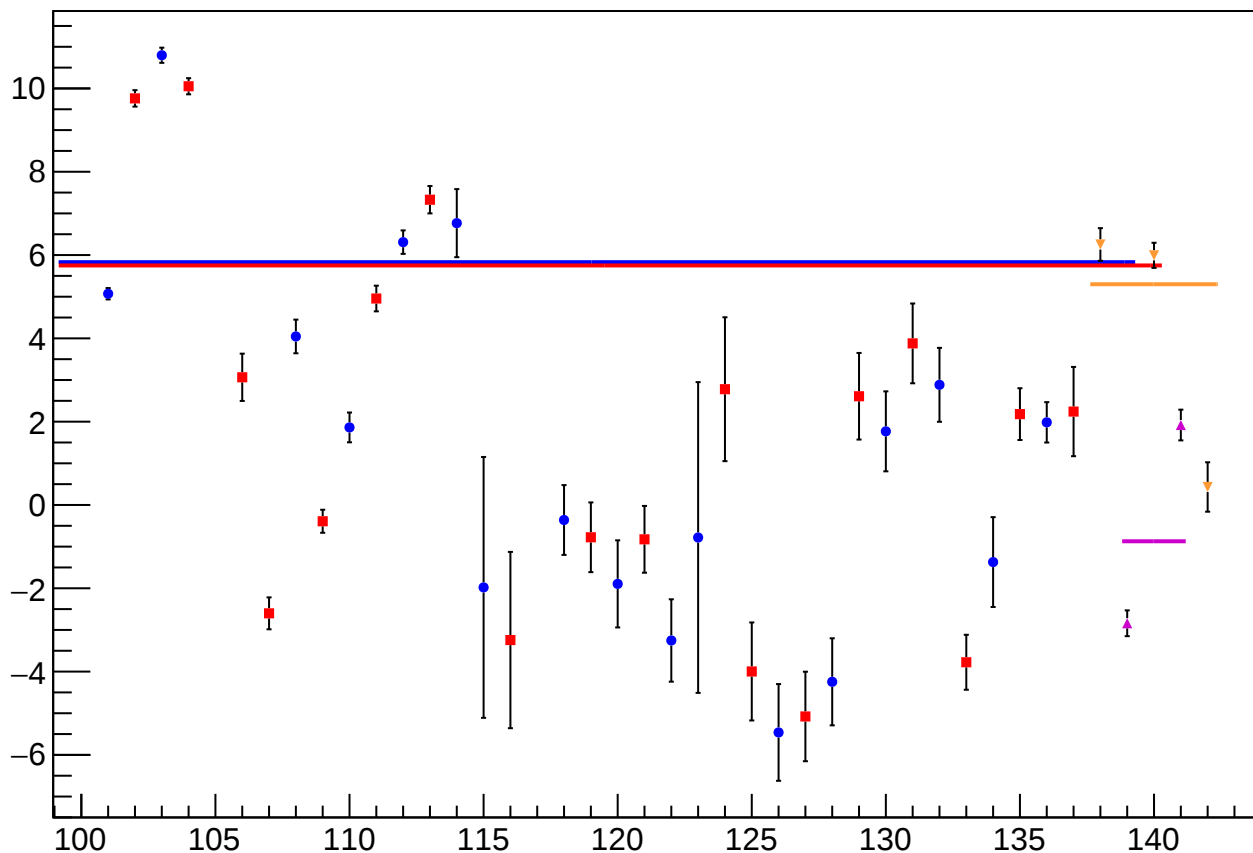
Right: -6.014 $\pm$ 0.040 χ^2/NDF : 20734.4/34

In: -4.927 $\pm$ 0.053 χ^2/NDF : 11501.5/18

Out: -5.580 $\pm$ 0.057 χ^2/NDF : 15076.9/20

All: -5.234 $\pm$ 0.039 χ^2/NDF : 26649.3/39

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 5.299 $\pm$ 0.222 χ^2 /NDF: 78.6/2

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -0.871 $\pm$ 0.237 χ^2 /NDF: 97.6/1

Left: 2.423 $\pm$ 0.162 χ^2 /NDF: 537.2/4

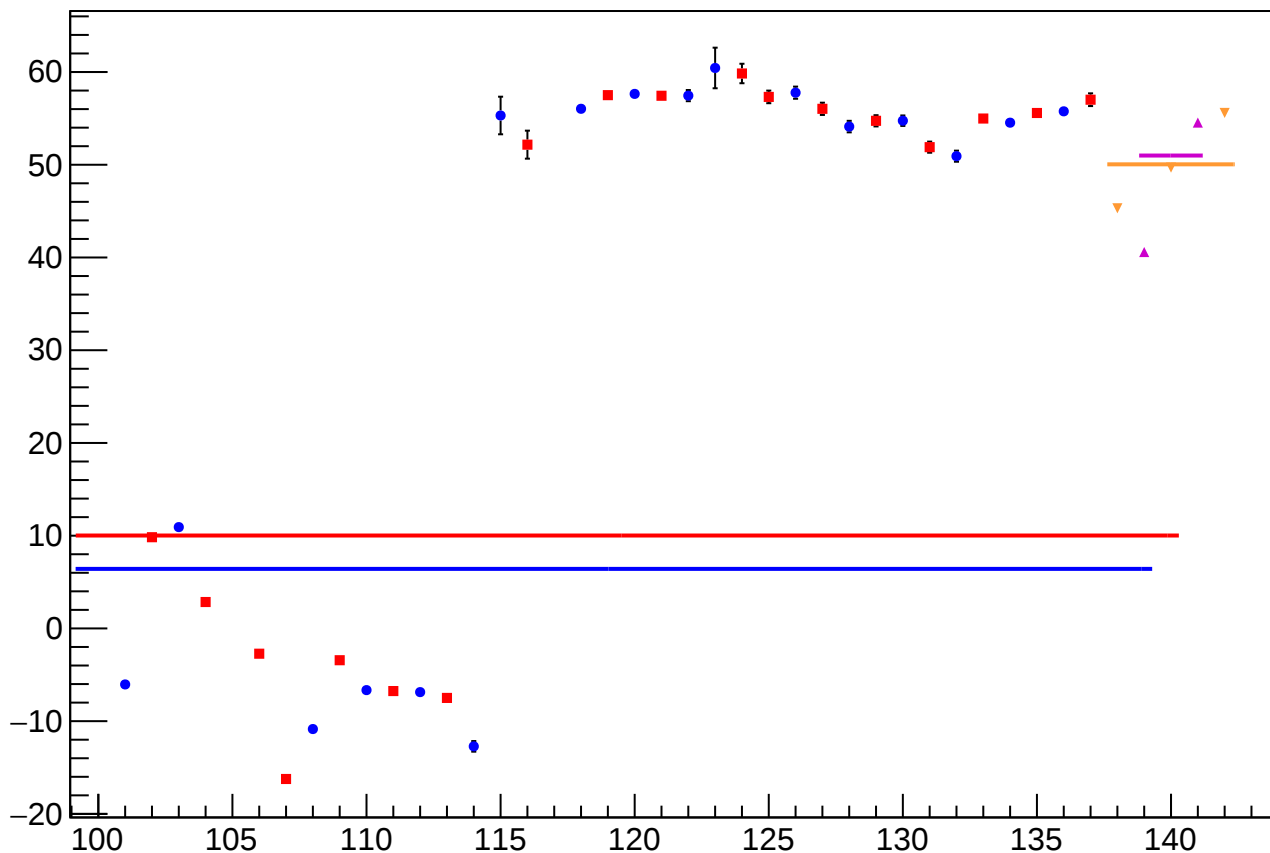
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 4.992 $\pm$ 0.084 χ^2 /NDF: 2243.6/18

Out: 5.679 $\pm$ 0.088 χ^2 /NDF: 2593.0/20

All: 5.318 $\pm$ 0.061 χ^2 /NDF: 4868.4/39

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 50.045 ± 0.206 $\chi^2/\text{NDF}: 296.4/2$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 50.993 ± 0.258 $\chi^2/\text{NDF}: 557.5/1$

Left: 50.415 ± 0.161 $\chi^2/\text{NDF}: 862.1/4$

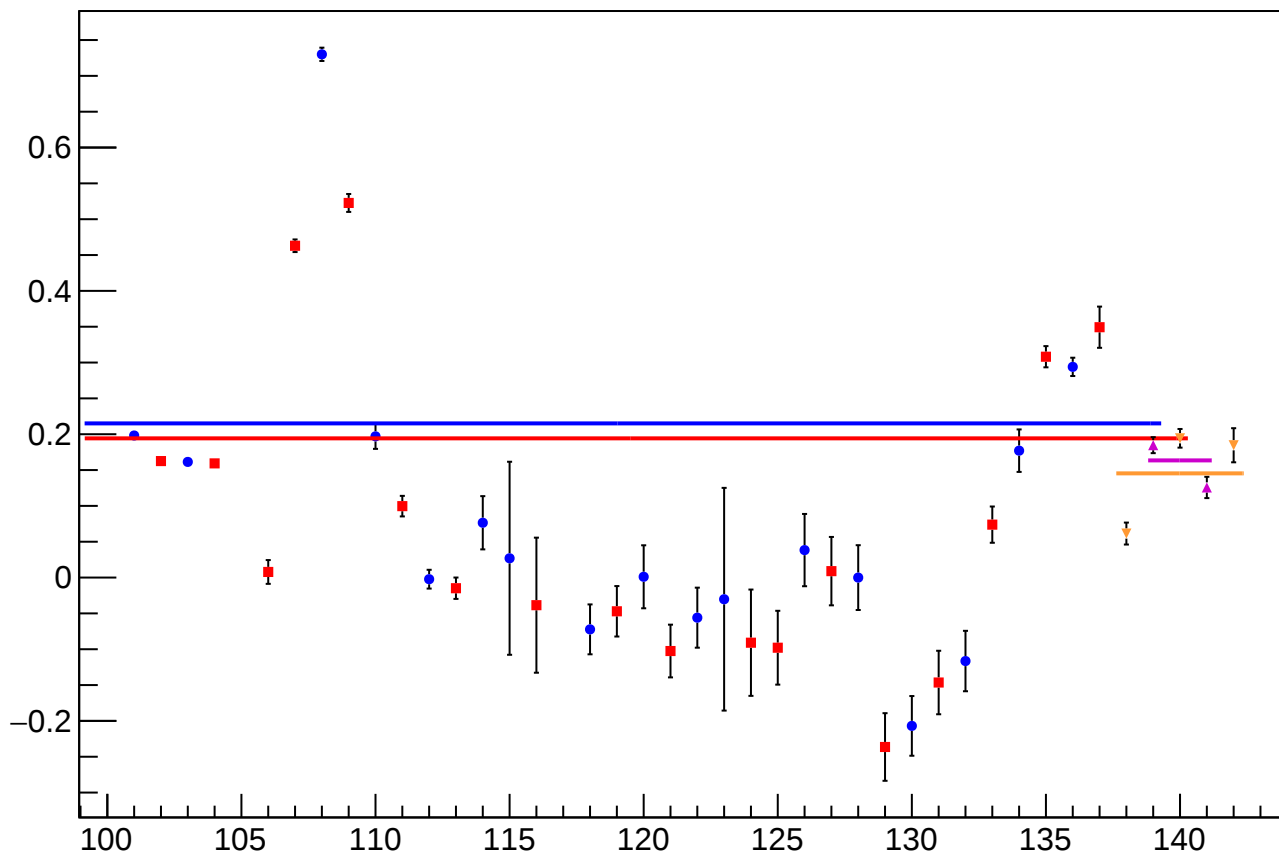
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 9.069 ± 0.063 $\chi^2/\text{NDF}: 151835.9/18$

Out: 14.237 ± 0.067 $\chi^2/\text{NDF}: 156138.6/20$

All: 11.490 ± 0.046 $\chi^2/\text{NDF}: 311148.5/39$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.145 $\pm$ 0.009 χ^2 /NDF:46.9/2

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.163 $\pm$ 0.009 χ^2 /NDF:10.1/1

Left: 0.155 $\pm$ 0.006 χ^2 /NDF: 59.0/4

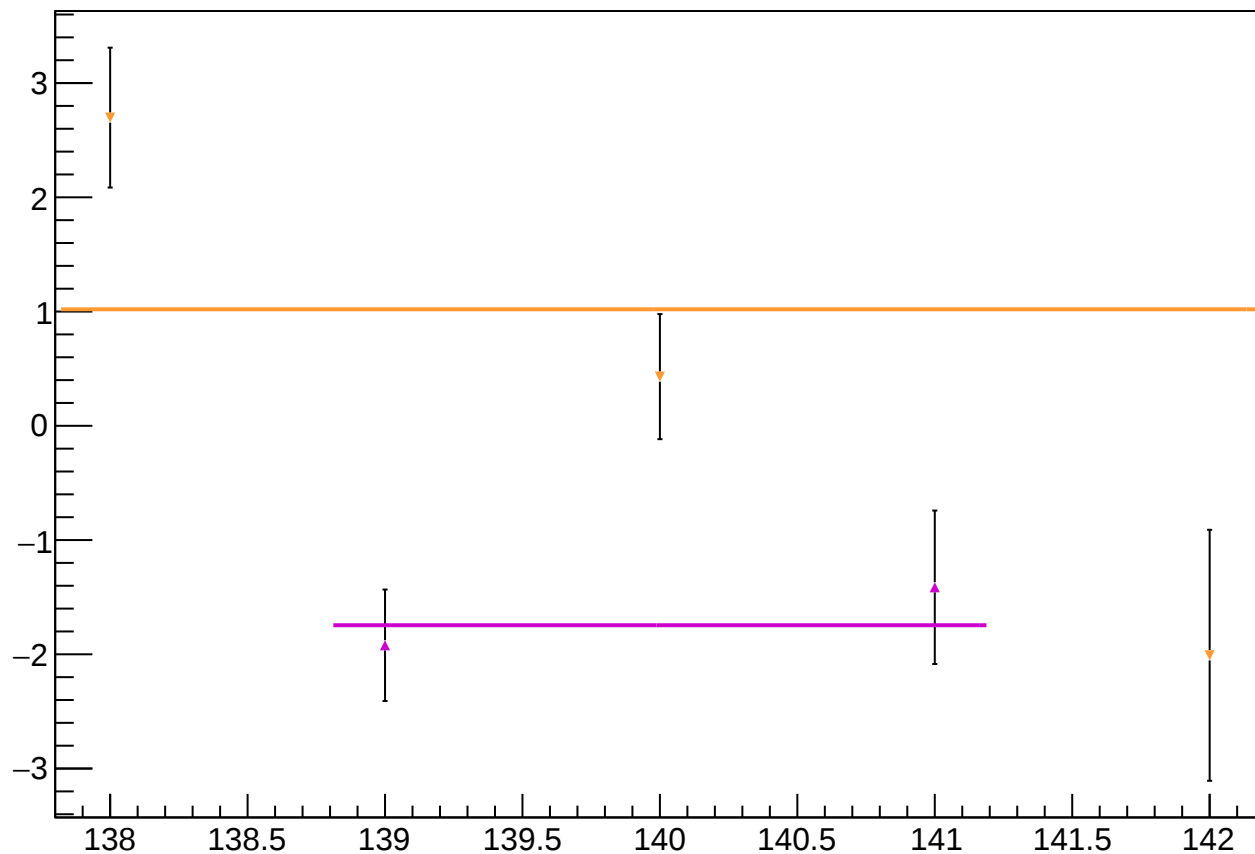
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3967.8/18

Out: 0.190 $\pm$ 0.003 χ^2 /NDF:2593.1/20

All: 0.200 $\pm$ 0.002 χ^2 /NDF: 6590.8/39

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.020+/-0.383 χ^2/NDF :16.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.746+/-0.395 χ^2/NDF :0.4/1

Left: -0.320+/-0.275 χ^2/NDF : 42.0/4

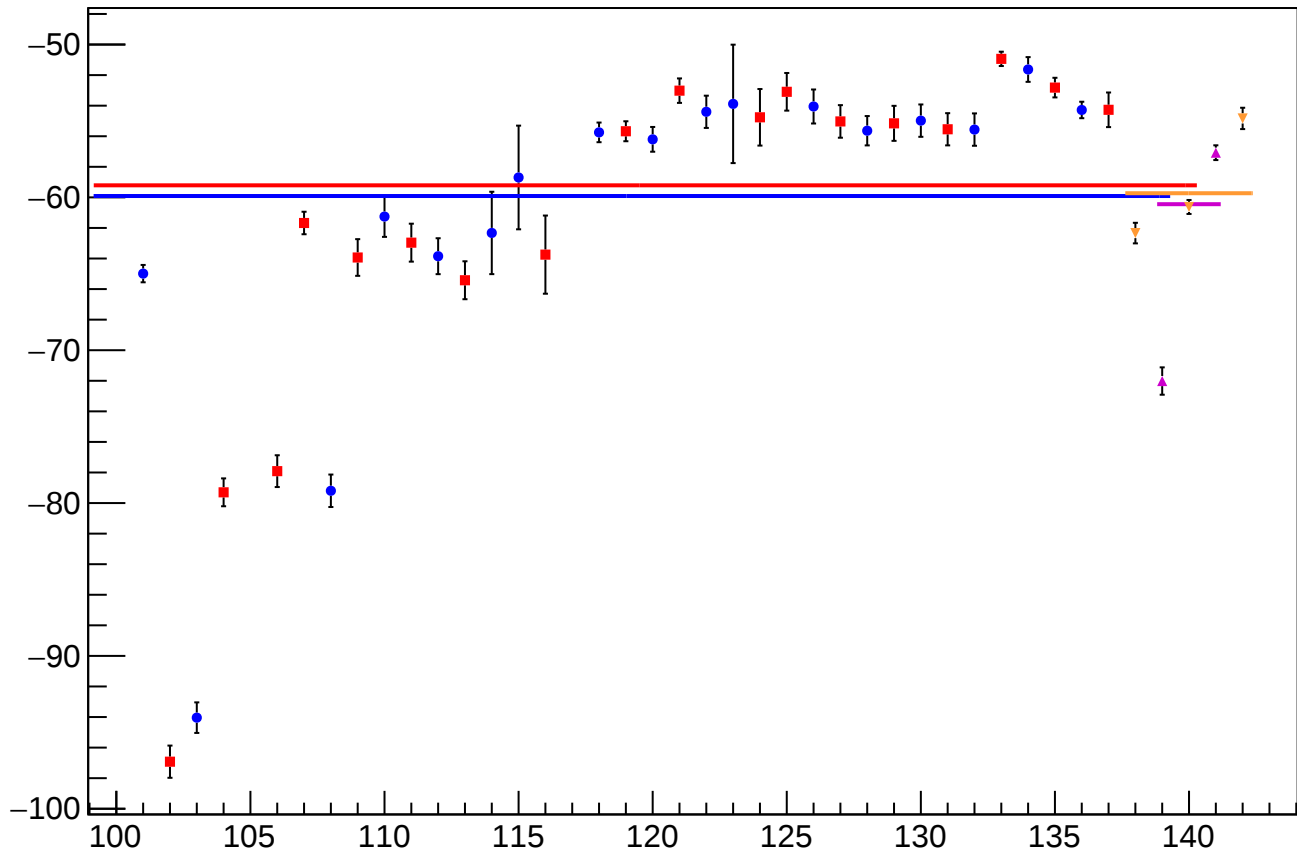
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.746+/-0.395 χ^2/NDF :0.4/1

Out: 1.020+/-0.383 χ^2/NDF :16.3/2

All: -0.320+/-0.275 χ^2/NDF : 42.0/4

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -59.729 ± 0.333 χ^2/NDF : 68.0/2

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -60.446 ± 0.425 χ^2/NDF : 215.8/1

Left: -60.001 ± 0.262 χ^2/NDF : 285.6/4

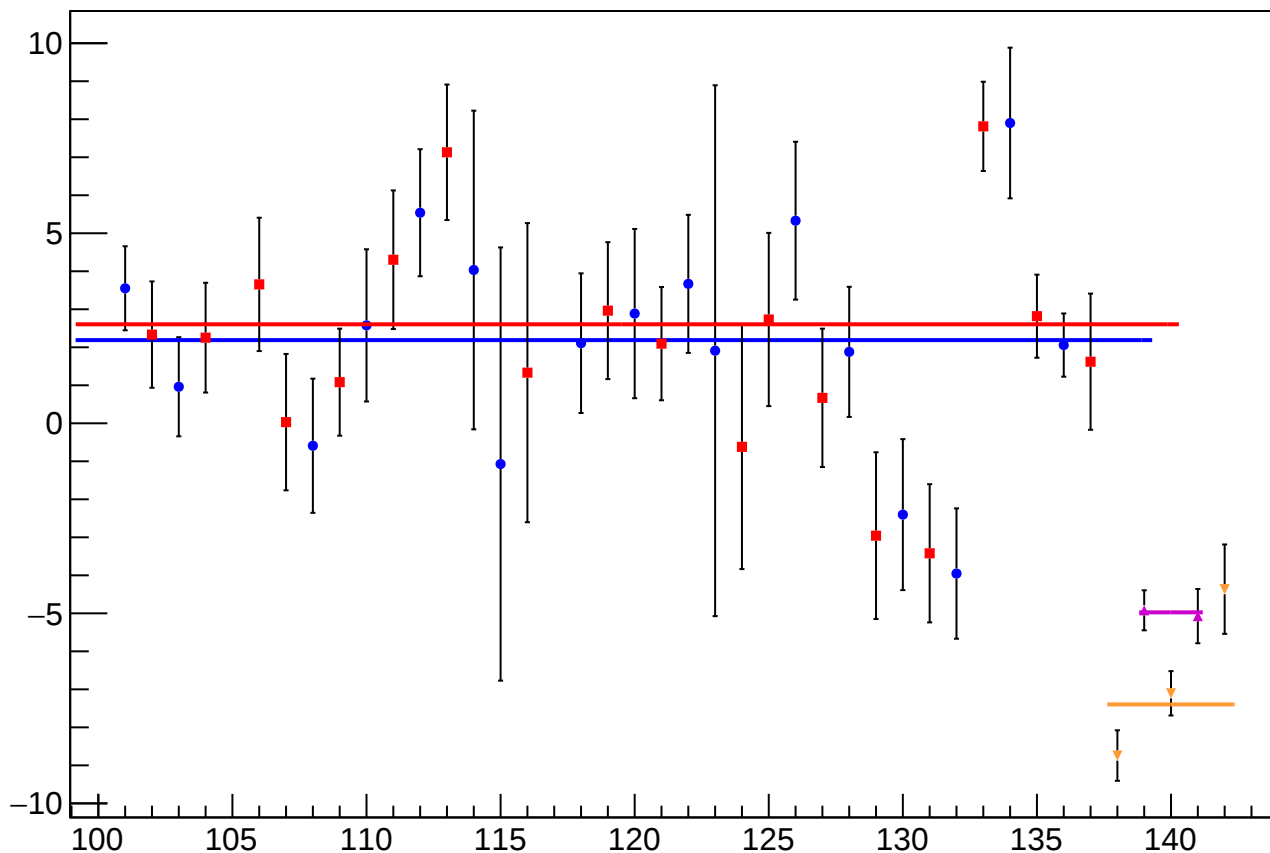
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -60.026 ± 0.198 χ^2/NDF : 2197.8/18

Out: -59.361 ± 0.179 χ^2/NDF : 2812.7/20

All: -59.661 ± 0.133 χ^2/NDF : 5016.7/39

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.396 ± 0.411 $\chi^2/\text{NDF}: 11.0/2$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -4.974 ± 0.424 $\chi^2/\text{NDF}: 0.0/1$

Left: -6.223 ± 0.295 $\chi^2/\text{NDF}: 27.9/4$

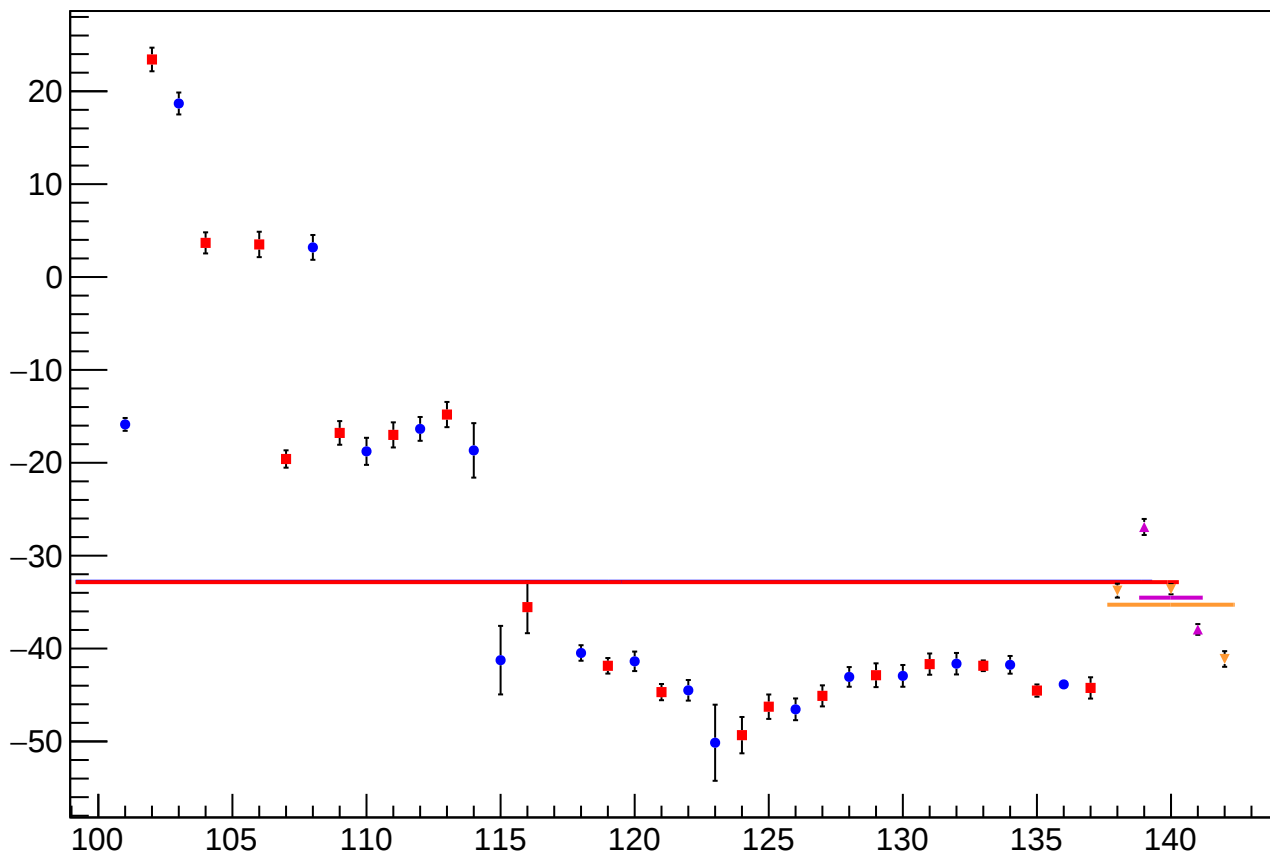
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -1.226 ± 0.293 $\chi^2/\text{NDF}: 188.5/18$

Out: -2.148 ± 0.283 $\chi^2/\text{NDF}: 372.9/20$

All: -1.702 ± 0.203 $\chi^2/\text{NDF}: 566.6/39$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.280 ± 0.392 $\chi^2/\text{NDF}: 61.4/2$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.522 ± 0.481 $\chi^2/\text{NDF}: 112.7/1$

Left: -34.977 ± 0.304 $\chi^2/\text{NDF}: 175.7/4$

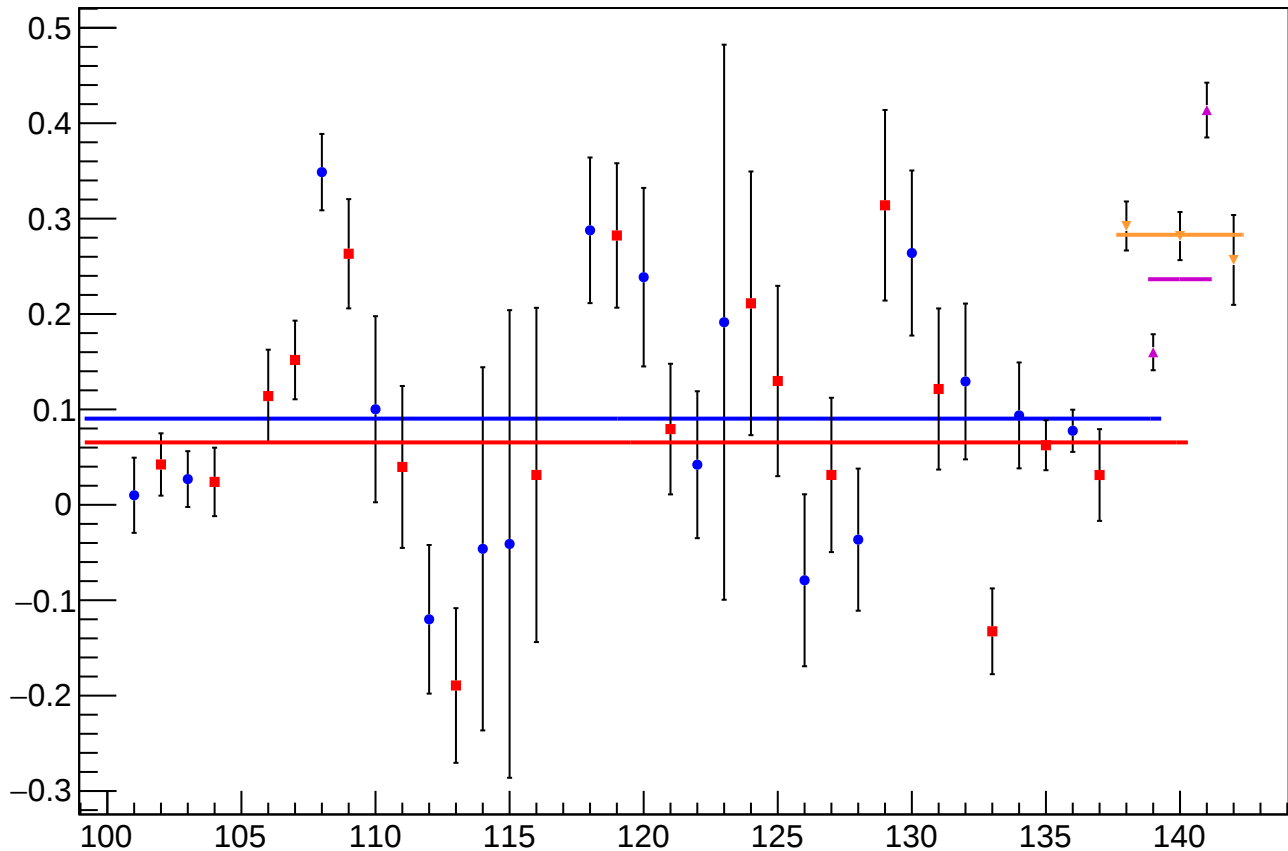
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -33.529 ± 0.207 $\chi^2/\text{NDF}: 5839.4/20$

All: -33.369 ± 0.152 $\chi^2/\text{NDF}: 10626.1/39$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.283 ± 0.017 $\chi^2/\text{NDF}: 0.4/2$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.236 ± 0.016 $\chi^2/\text{NDF}: 54.5/1$

Left: 0.258 ± 0.012 $\chi^2/\text{NDF}: 59.1/4$

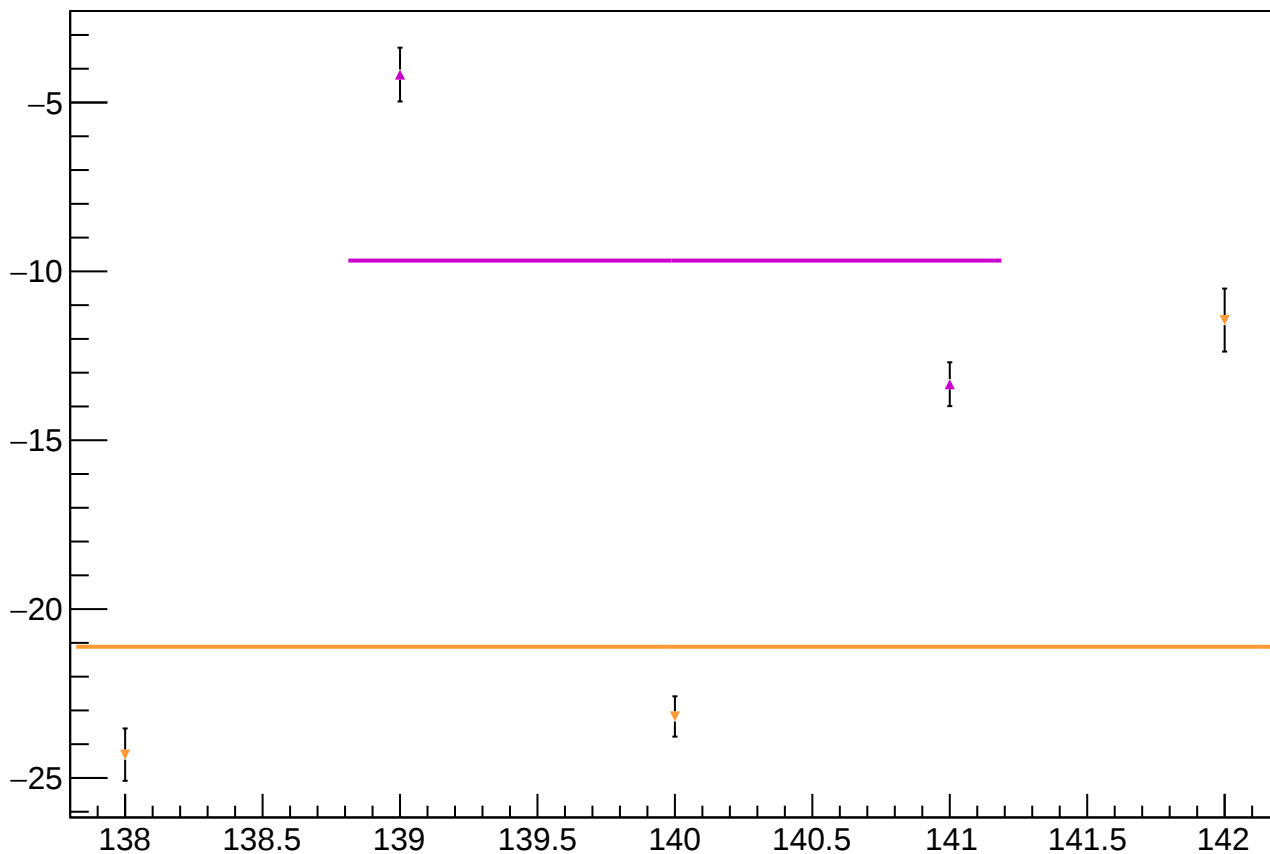
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.148 ± 0.010 $\chi^2/\text{NDF}: 185.9/18$

Out: 0.141 ± 0.010 $\chi^2/\text{NDF}: 175.6/20$

All: 0.144 ± 0.007 $\chi^2/\text{NDF}: 361.7/39$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -21.114 ± 0.422 χ^2/NDF : 136.5/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -9.680 ± 0.503 χ^2/NDF : 79.6/1

Left: -16.397 ± 0.323 χ^2/NDF : 519.5/4

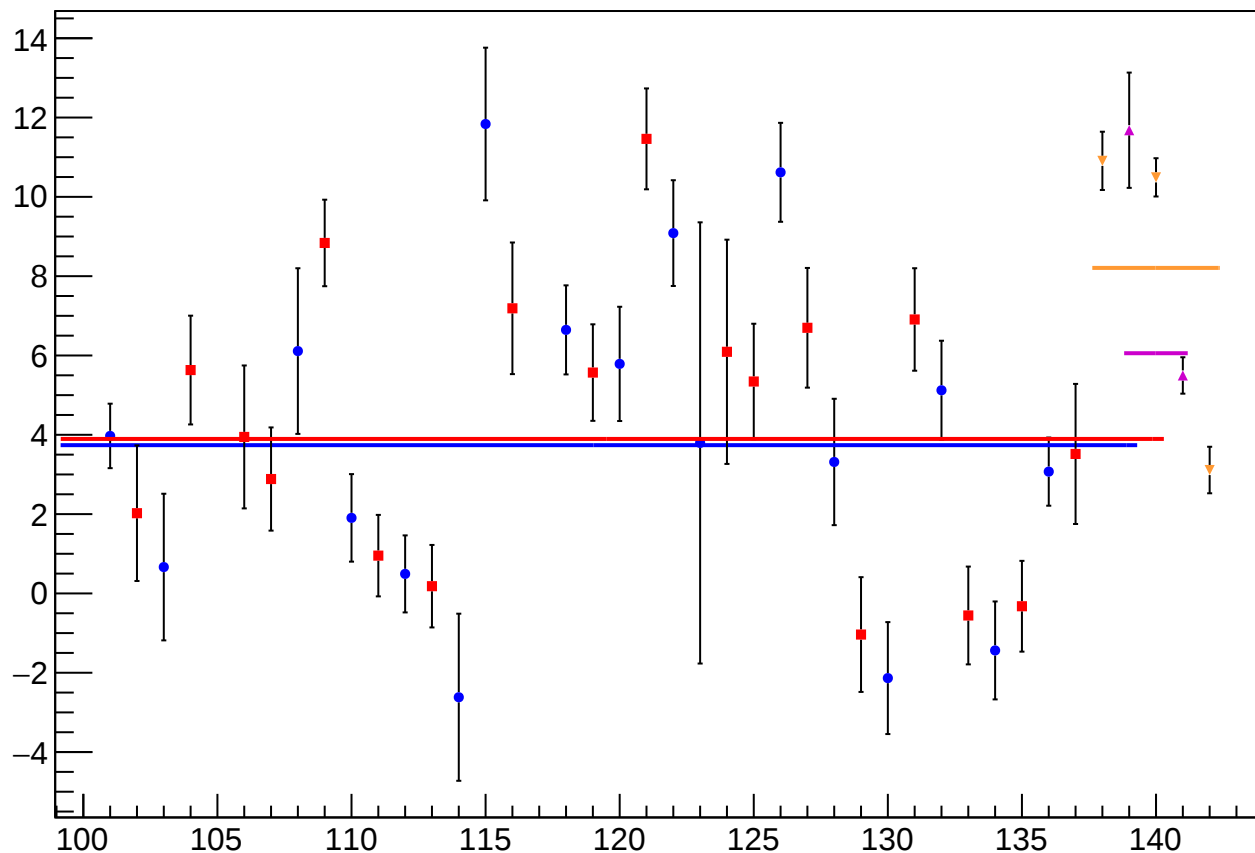
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -9.680 ± 0.503 χ^2/NDF : 79.6/1

Out: -21.114 ± 0.422 χ^2/NDF : 136.5/2

All: -16.397 ± 0.323 χ^2/NDF : 519.5/4

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 8.208 $\pm$ 0.332 χ^2 /NDF:111.4/2

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 6.057 $\pm$ 0.438 χ^2 /NDF:16.5/1

Left: 7.422 $\pm$ 0.265 χ^2 /NDF: 143.2/4

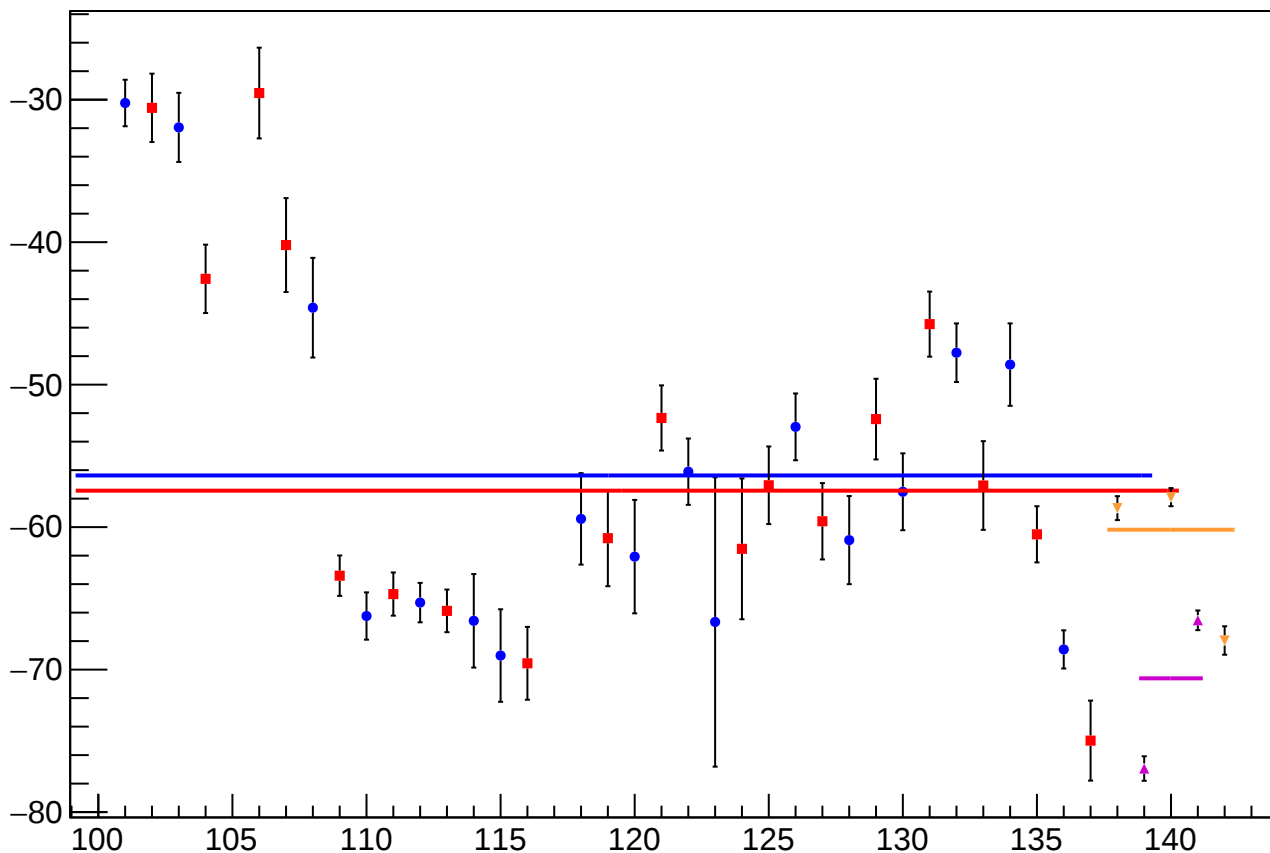
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 4.510 $\pm$ 0.252 χ^2 /NDF:172.1/18

Out: 5.946 $\pm$ 0.229 χ^2 /NDF:334.6/20

All: 5.297 $\pm$ 0.170 χ^2 /NDF: 524.4/39

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -60.180 ± 0.452 $\chi^2/\text{NDF}: 76.9/2$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -70.612 ± 0.539 $\chi^2/\text{NDF}: 88.9/1$

Left: -64.489 ± 0.346 $\chi^2/\text{NDF}: 386.0/4$

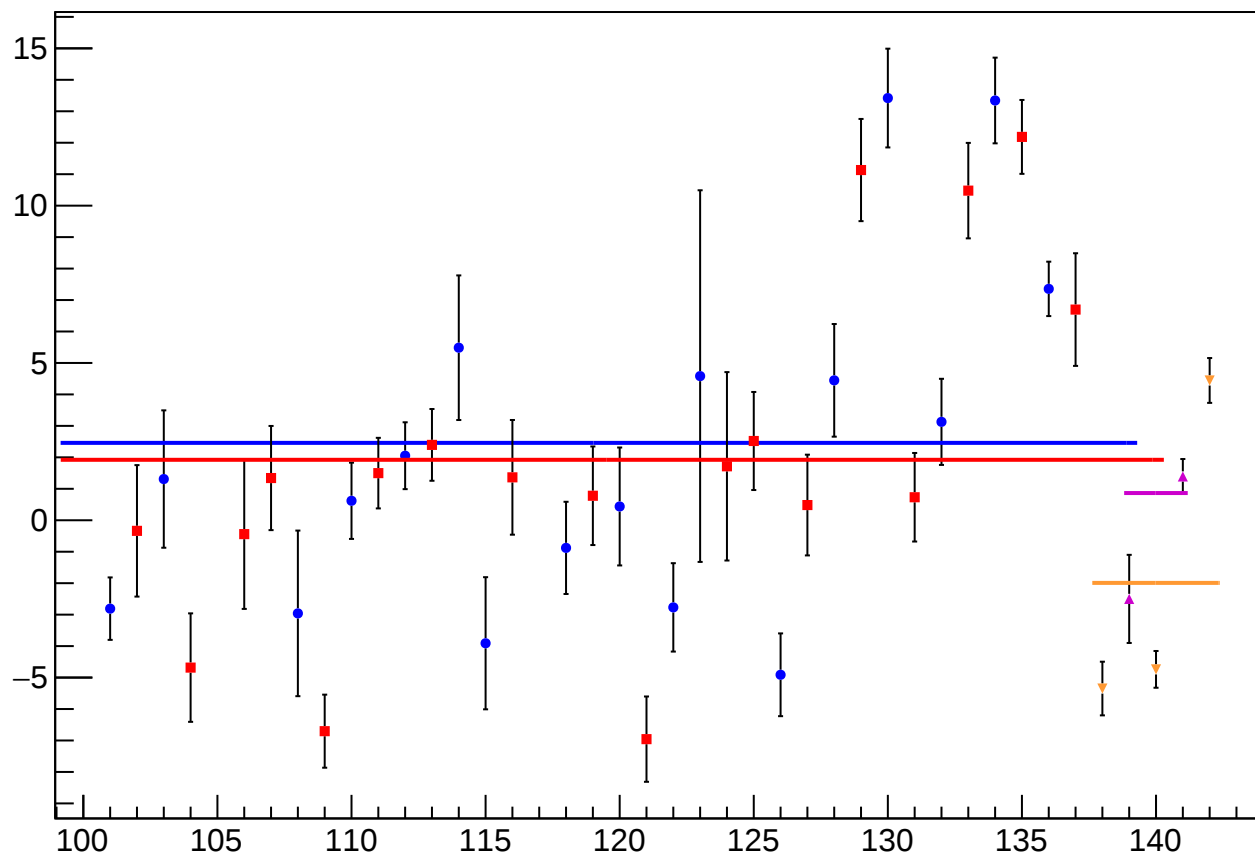
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -63.551 ± 0.382 $\chi^2/\text{NDF}: 1023.2/18$

Out: -59.045 ± 0.346 $\chi^2/\text{NDF}: 533.1/20$

All: -61.071 ± 0.256 $\chi^2/\text{NDF}: 1632.7/39$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460+/-0.346 χ^2/NDF : 243.9/16

Left Out: -1.991+/-0.399 χ^2/NDF :119.2/2

Right Out: 1.922+/-0.355 χ^2/NDF : 265.1/17

Left In: 0.865+/-0.515 χ^2/NDF :6.7/1

Left: -0.920+/-0.316 χ^2/NDF : 145.0/4

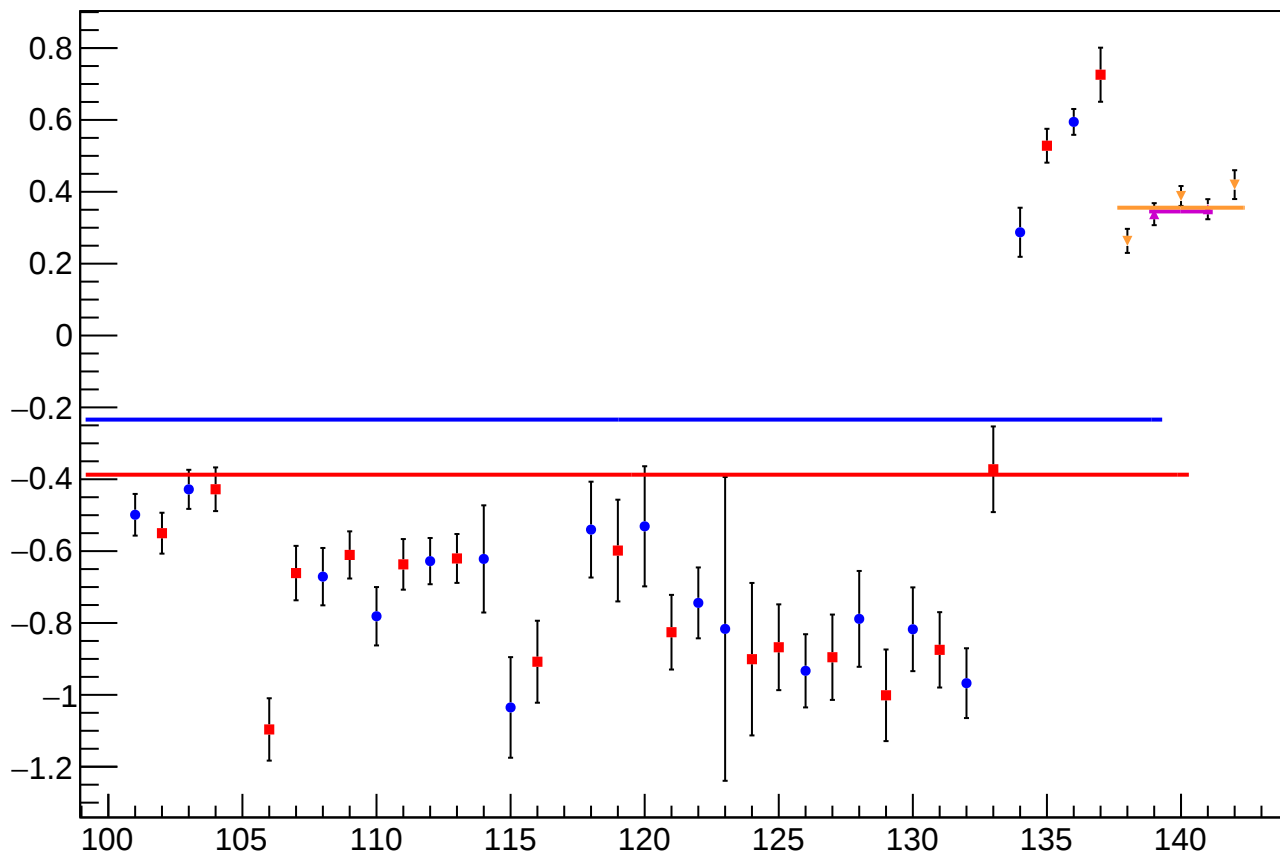
Right: 2.198+/-0.248 χ^2/NDF : 510.2/34

In: 1.964+/-0.287 χ^2/NDF :257.2/18

Out: 0.194+/-0.265 χ^2/NDF :437.9/20

All: 1.008+/-0.195 χ^2/NDF : 715.6/39

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.356 ± 0.019 χ^2/NDF : 11.6/2

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.345 ± 0.021 χ^2/NDF : 0.1/1

Left: 0.351 ± 0.014 χ^2/NDF : 11.8/4

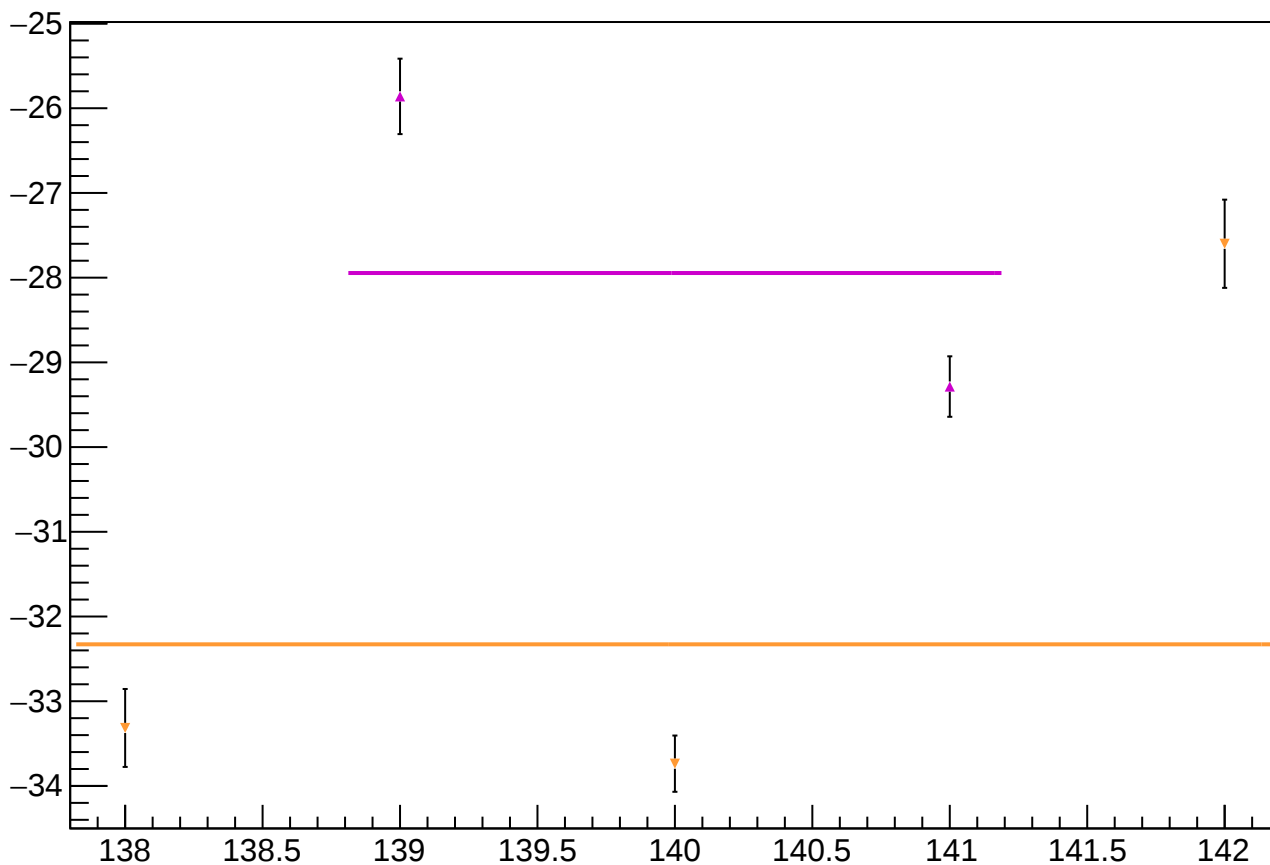
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: -0.013 ± 0.013 χ^2/NDF : 1629.2/20

All: 0.008 ± 0.010 χ^2/NDF : 3021.2/39

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.328+/-0.239 χ^2/NDF :105.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.945+/-0.278 χ^2/NDF :36.0/1

Left: -30.468+/-0.181 χ^2/NDF : 283.7/4

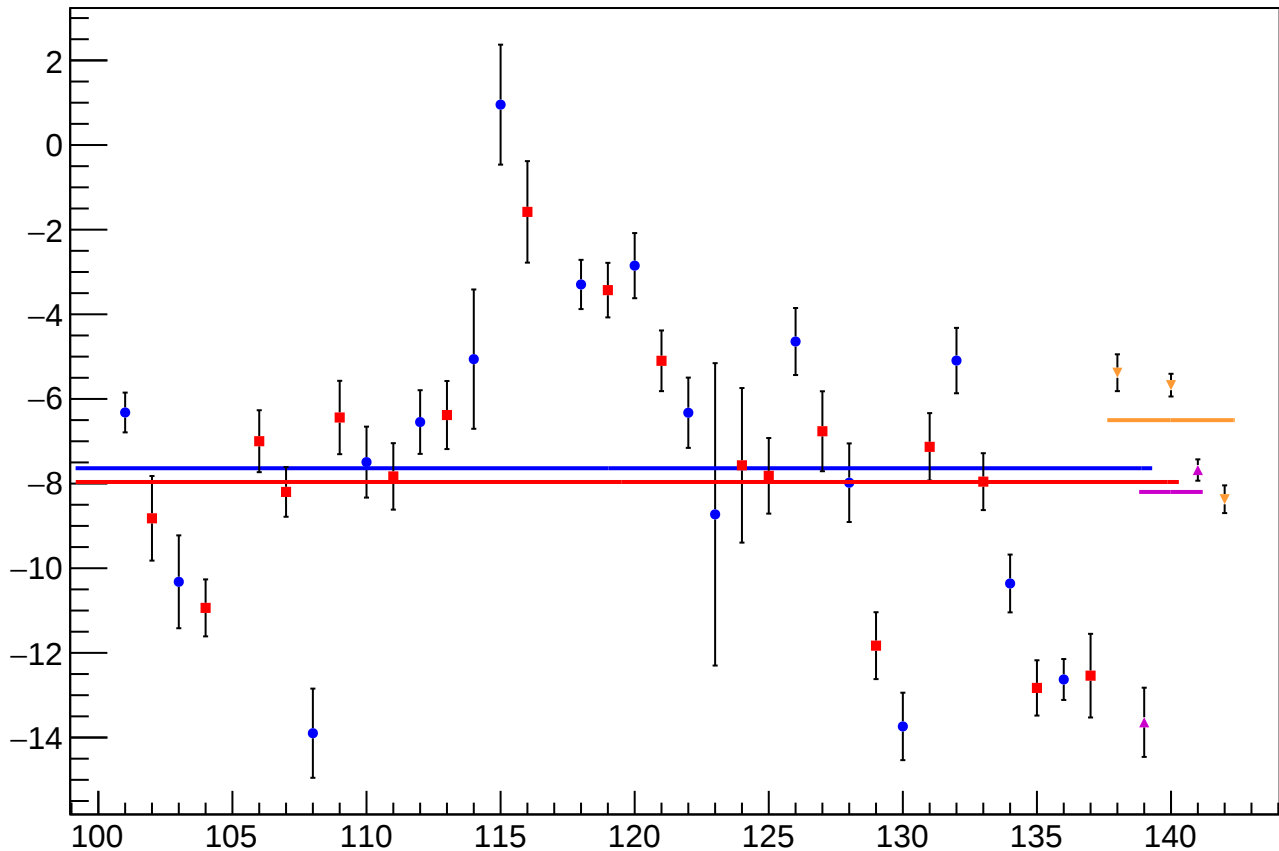
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.945+/-0.278 χ^2/NDF :36.0/1

Out: -32.328+/-0.239 χ^2/NDF :105.1/2

All: -30.468+/-0.181 χ^2/NDF : 283.7/4

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.501 ± 0.187 χ^2/NDF : 48.7/2

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

Left: -7.140 ± 0.148 χ^2/NDF : 128.1/4

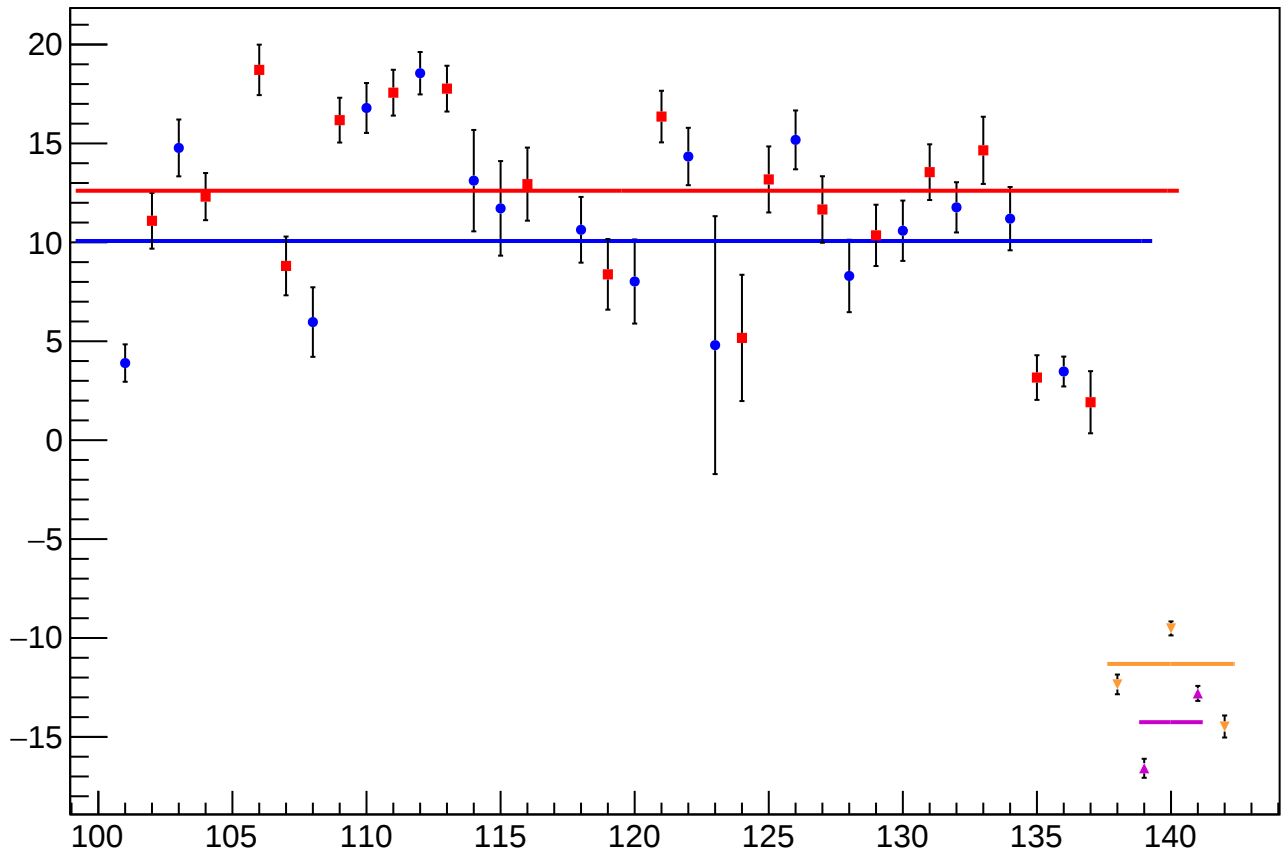
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.237 ± 0.132 χ^2/NDF : 305.9/20

All: -7.508 ± 0.098 χ^2/NDF : 761.3/39

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -11.310 ± 0.256 $\chi^2/\text{NDF}: 62.3/2$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -14.255 ± 0.298 $\chi^2/\text{NDF}: 38.2/1$

Left: -12.561 ± 0.194 $\chi^2/\text{NDF}: 156.7/4$

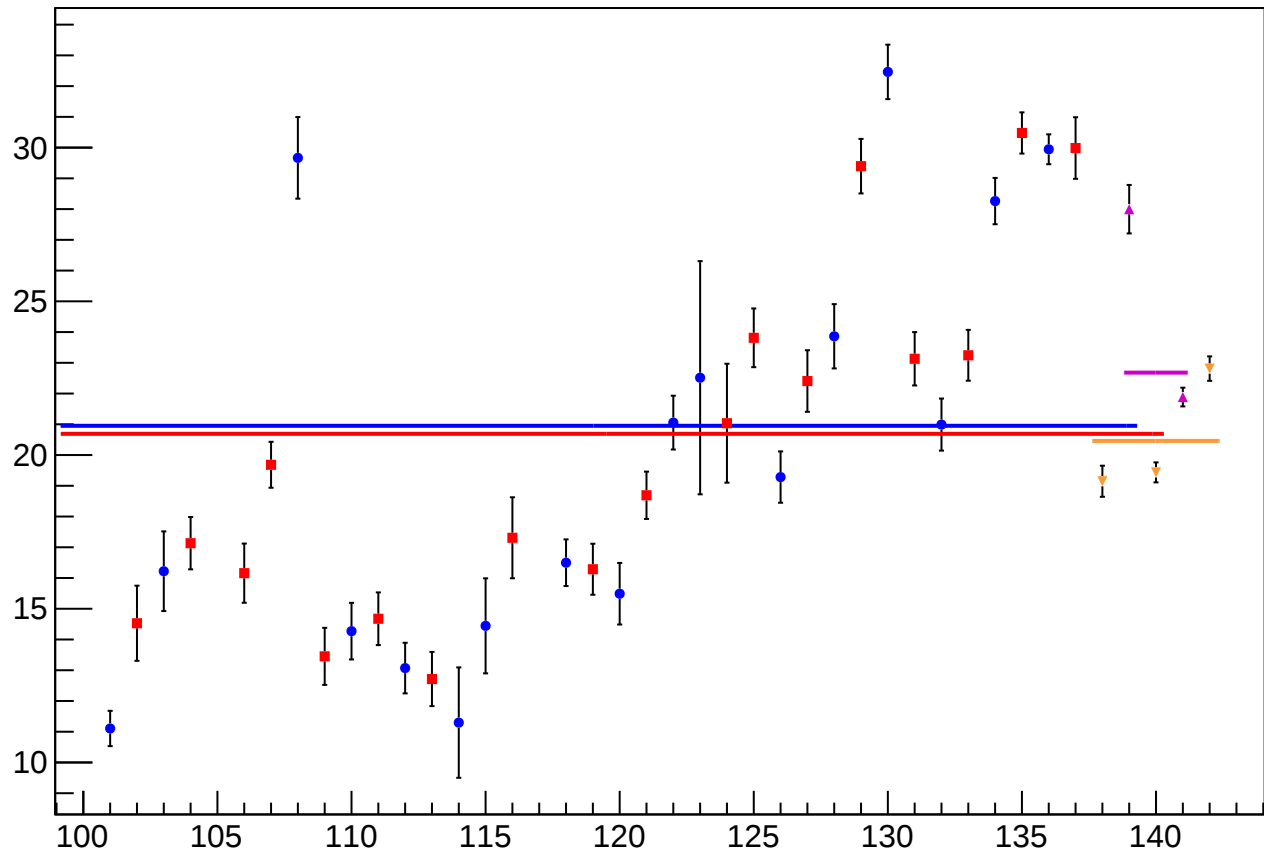
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -3.601 ± 0.223 $\chi^2/\text{NDF}: 3212.0/18$

Out: -2.425 ± 0.203 $\chi^2/\text{NDF}: 3522.2/20$

All: -2.957 ± 0.150 $\chi^2/\text{NDF}: 6749.4/39$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.461 $\pm$ 0.225 χ^2 /NDF: 51.6/2

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.681 $\pm$ 0.284 χ^2 /NDF: 52.3/1

Left: 21.317 $\pm$ 0.177 χ^2 /NDF: 141.4/4

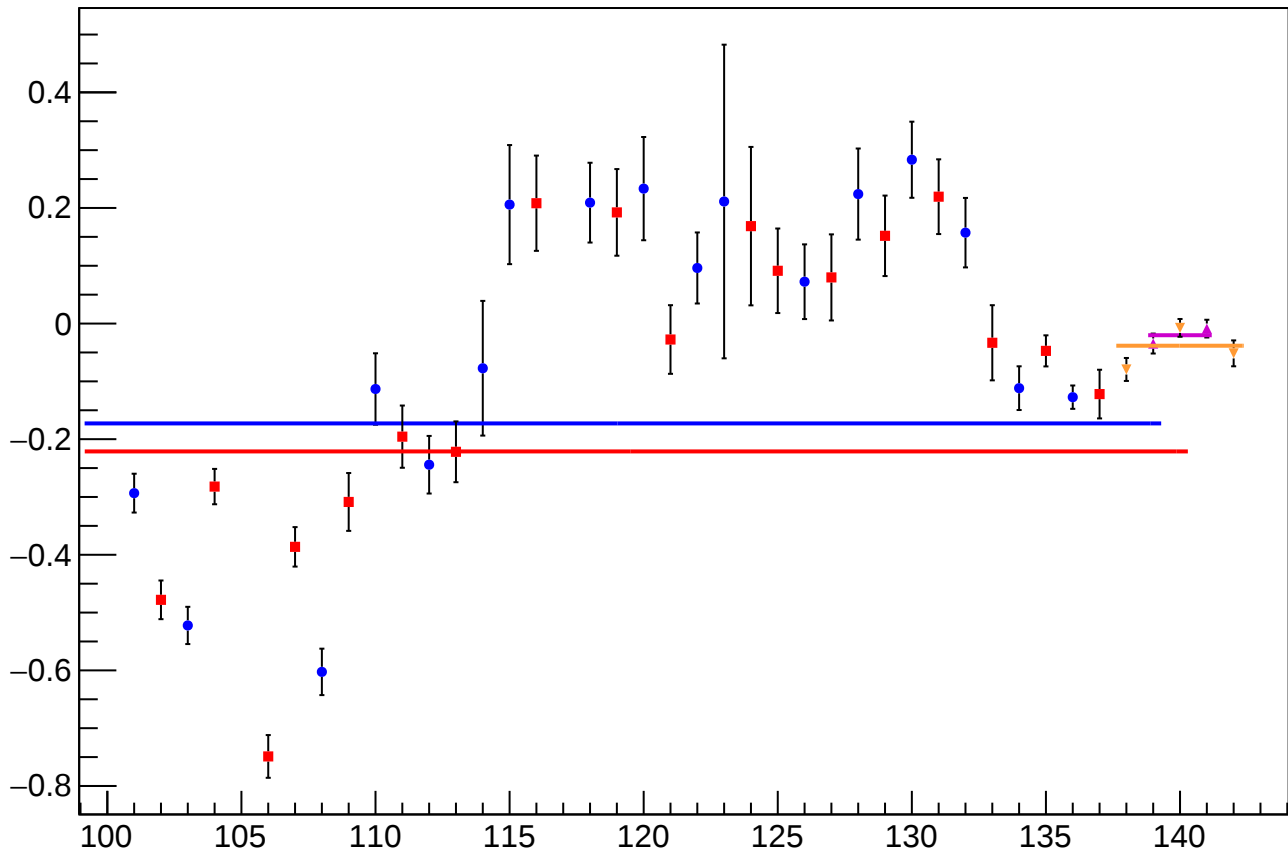
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.562 $\pm$ 0.169 χ^2 /NDF: 1299.0/18

Out: 20.582 $\pm$ 0.155 χ^2 /NDF: 779.1/20

All: 21.029 $\pm$ 0.114 χ^2 /NDF: 2096.4/39

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.038 ± 0.011 χ^2/NDF : 8.6/2

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.020 ± 0.011 χ^2/NDF : 1.3/1

Left: -0.030 ± 0.008 χ^2/NDF : 11.2/4

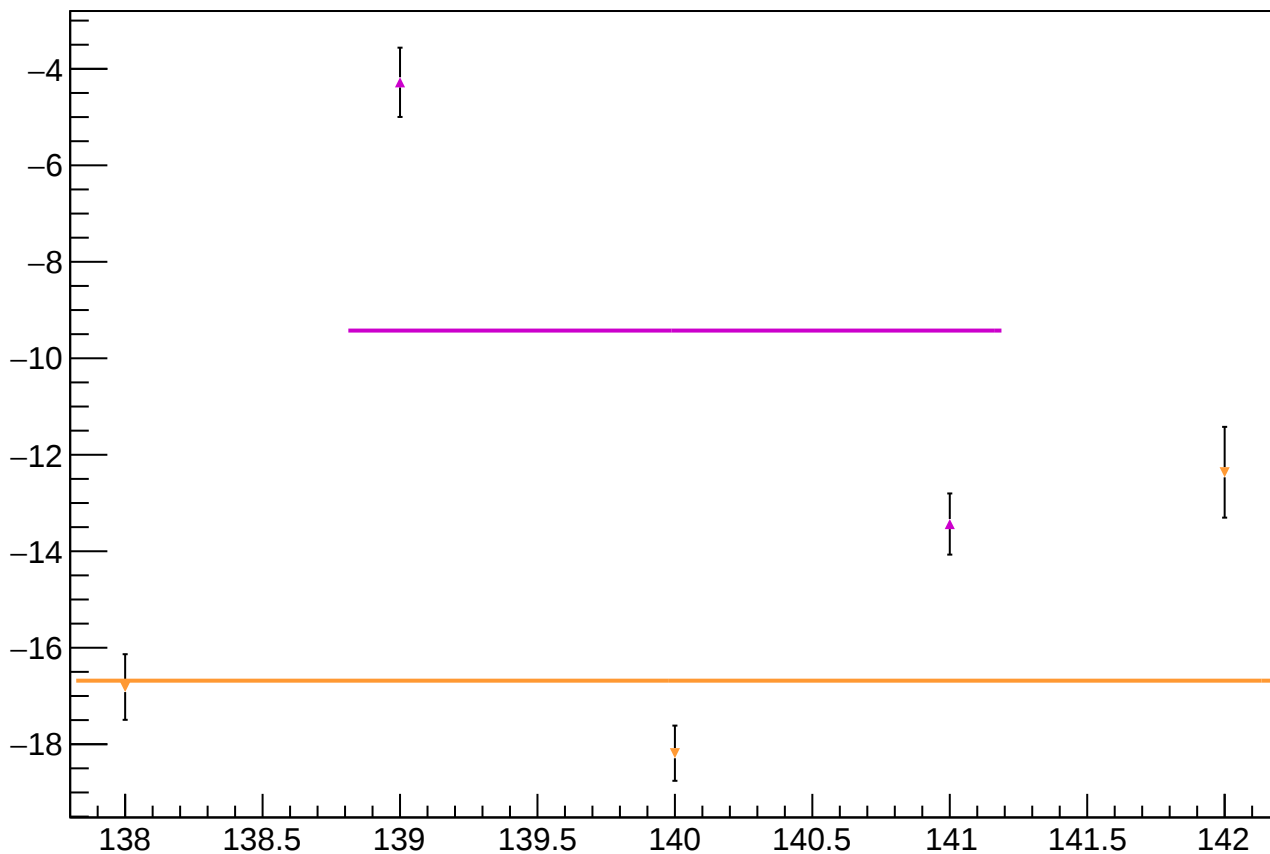
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.098 ± 0.008 χ^2/NDF : 552.3/18

Out: -0.127 ± 0.008 χ^2/NDF : 686.3/20

All: -0.113 ± 0.006 χ^2/NDF : 1245.6/39

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.682+/-0.397 χ^2/NDF :28.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.425+/-0.475 χ^2/NDF :91.4/1

Left: -13.700+/-0.305 χ^2/NDF : 256.8/4

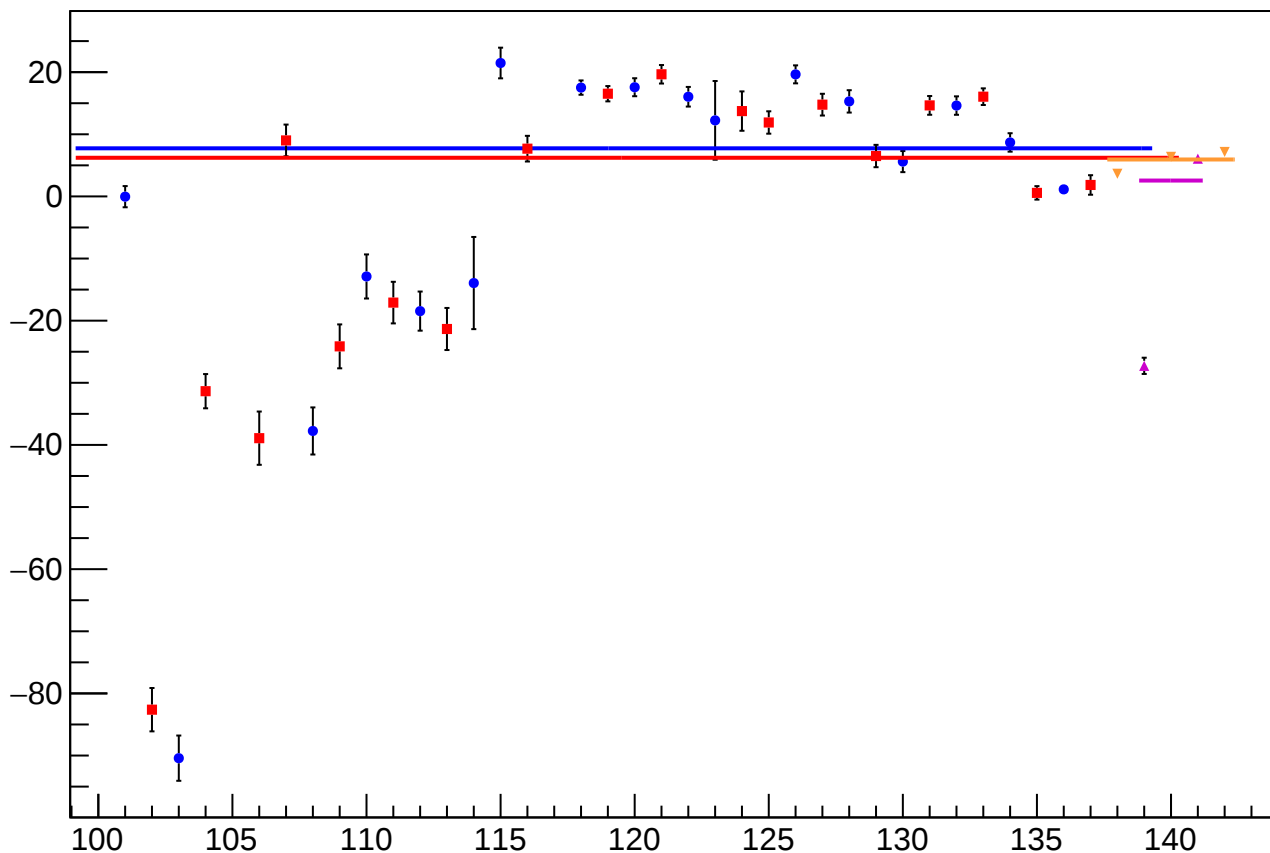
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.425+/-0.475 χ^2/NDF :91.4/1

Out: -16.682+/-0.397 χ^2/NDF :28.0/2

All: -13.700+/-0.305 χ^2/NDF : 256.8/4

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.943 ± 0.318 χ^2/NDF : 17.5/2

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 2.553 ± 0.425 χ^2/NDF : 582.0/1

Left: 4.723 ± 0.255 χ^2/NDF : 640.3/4

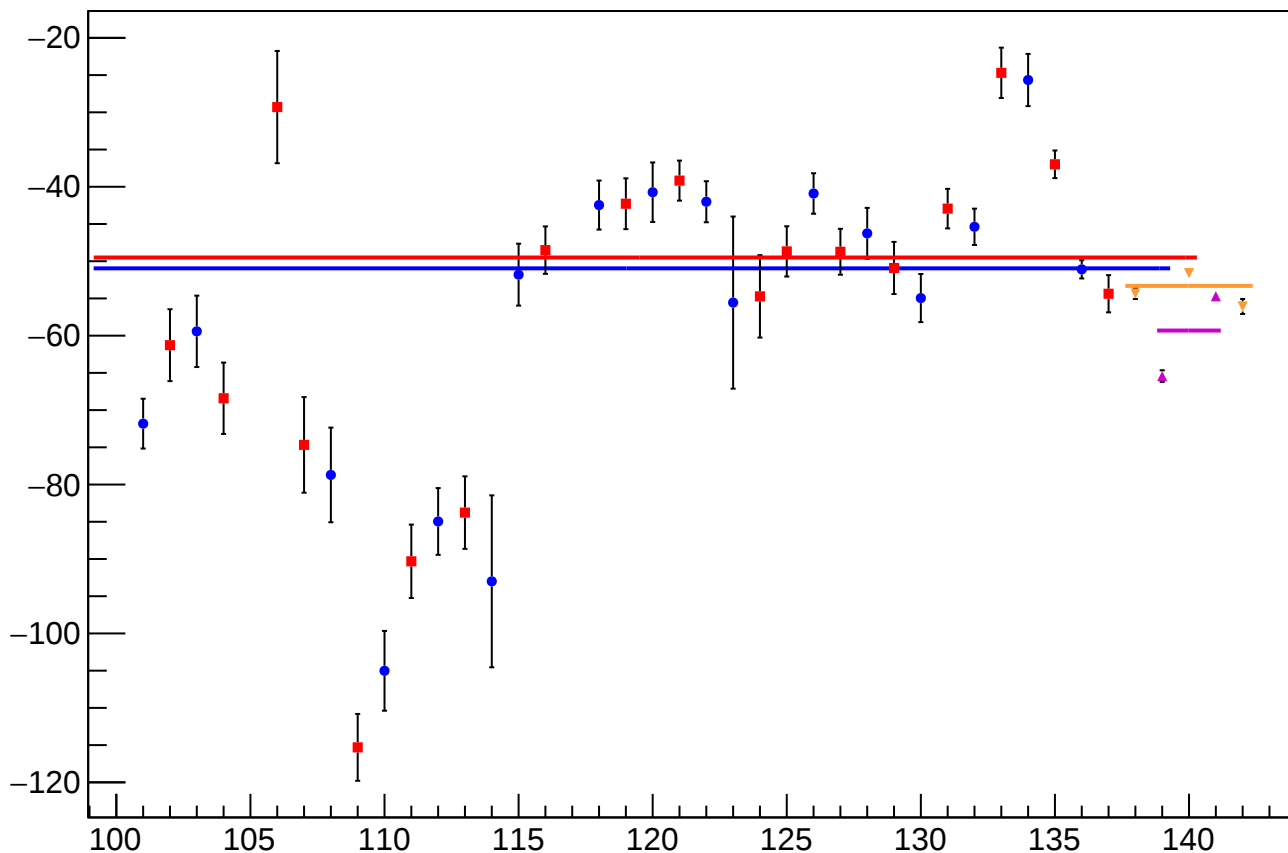
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.283 ± 0.292 χ^2/NDF : 2019.5/18

Out: 6.040 ± 0.257 χ^2/NDF : 1463.7/20

All: 5.711 ± 0.193 χ^2/NDF : 3487.0/39

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -53.314 ± 0.426 χ^2/NDF : 17.4/2

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -59.313 ± 0.509 χ^2/NDF : 108.8/1

Left: -55.782 ± 0.326 χ^2/NDF : 208.0/4

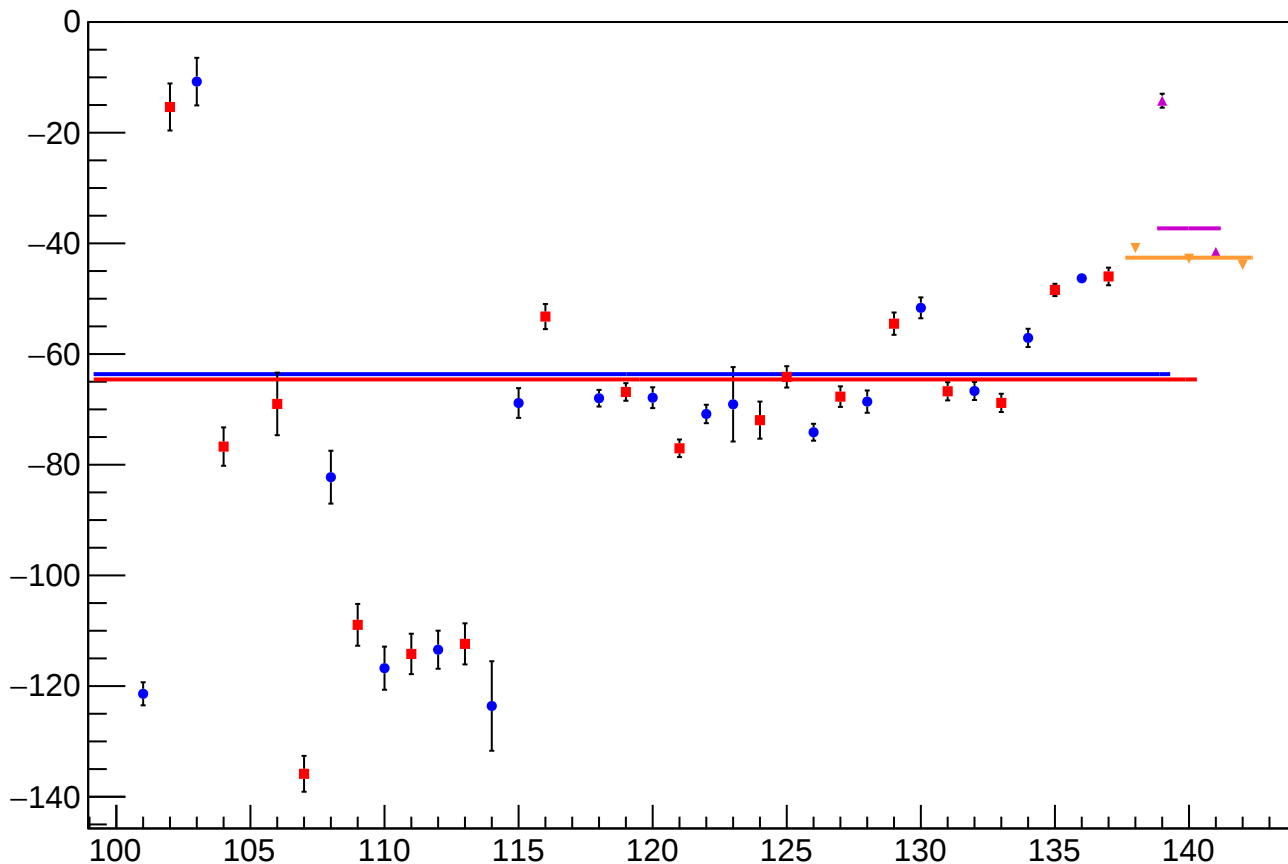
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -52.470 ± 0.375 χ^2/NDF : 541.6/20

All: -54.319 ± 0.280 χ^2/NDF : 1123.5/39

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -42.586 ± 0.382 χ^2/NDF : 8.8/2

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -37.288 ± 0.498 χ^2/NDF : 397.6/1

Left: -40.625 ± 0.303 χ^2/NDF : 477.7/4

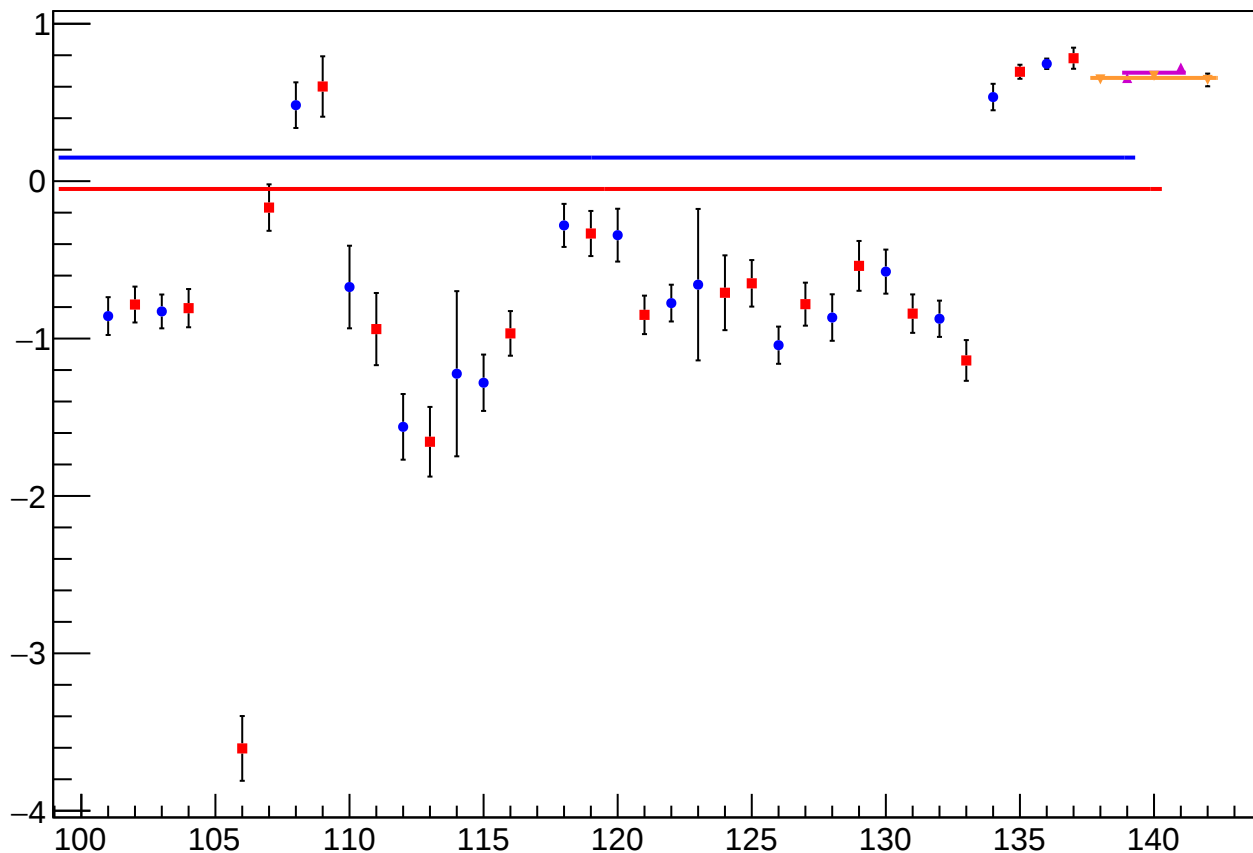
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -51.908 ± 0.332 χ^2/NDF : 3962.4/18

Out: -51.064 ± 0.299 χ^2/NDF : 2883.2/20

All: -51.443 ± 0.222 χ^2/NDF : 6849.2/39

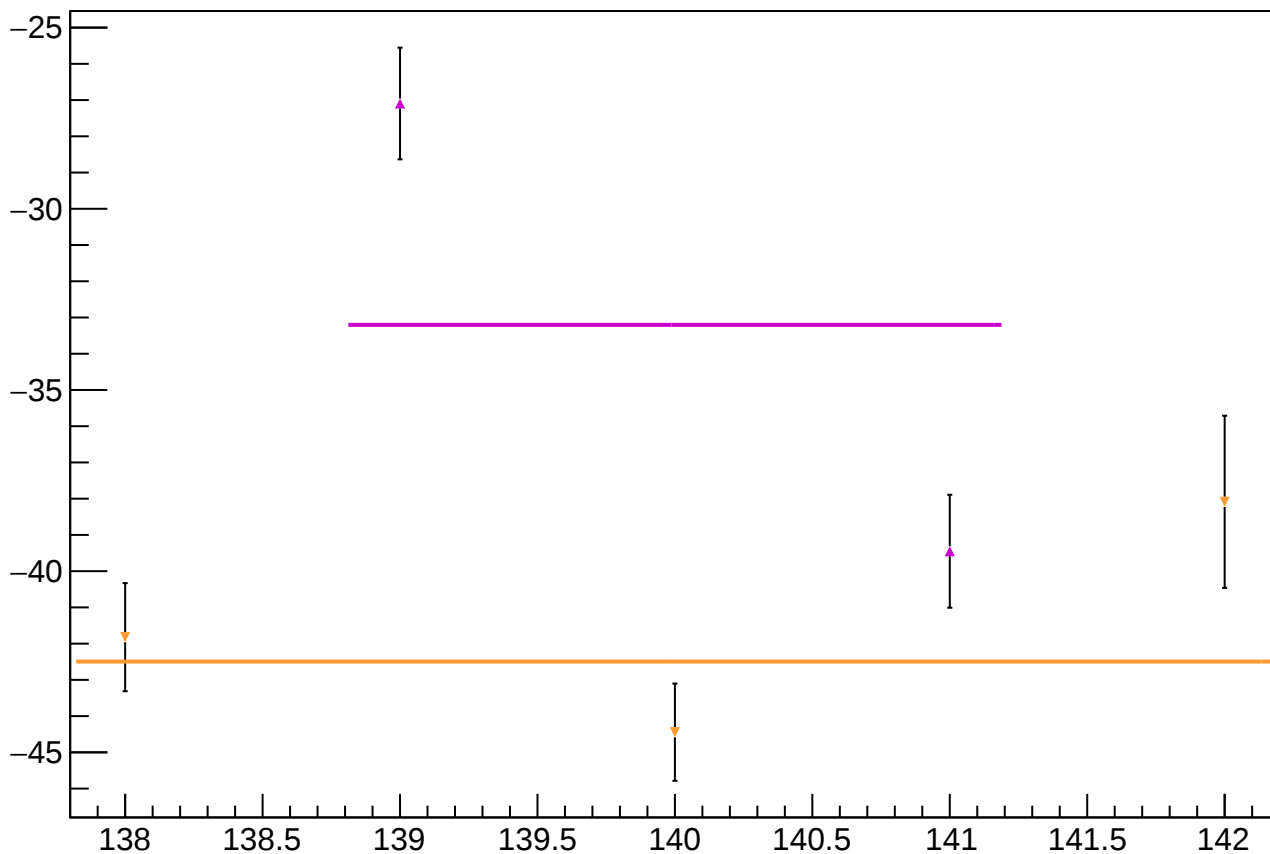
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.024 χ^2/NDF : 989.2/16
 Left Out: 0.656+/-0.018 χ^2/NDF : 0.4/2
 Right Out: -0.050+/-0.026 χ^2/NDF : 1154.0/17
 Left In: 0.689+/-0.019 χ^2/NDF : 3.0/1

Left: 0.671+/-0.013 χ^2/NDF : 5.0/4
 Right: 0.059+/-0.018 χ^2/NDF : 2174.6/34
 In: 0.476+/-0.015 χ^2/NDF : 1298.0/18
 Out: 0.435+/-0.015 χ^2/NDF : 1651.2/20
 All: 0.455+/-0.011 χ^2/NDF : 2953.0/39

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.494+/-0.920 χ^2/NDF : 5.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.203+/-1.096 χ^2/NDF : 31.8/1

Left: -38.654+/-0.705 χ^2/NDF : 79.7/4

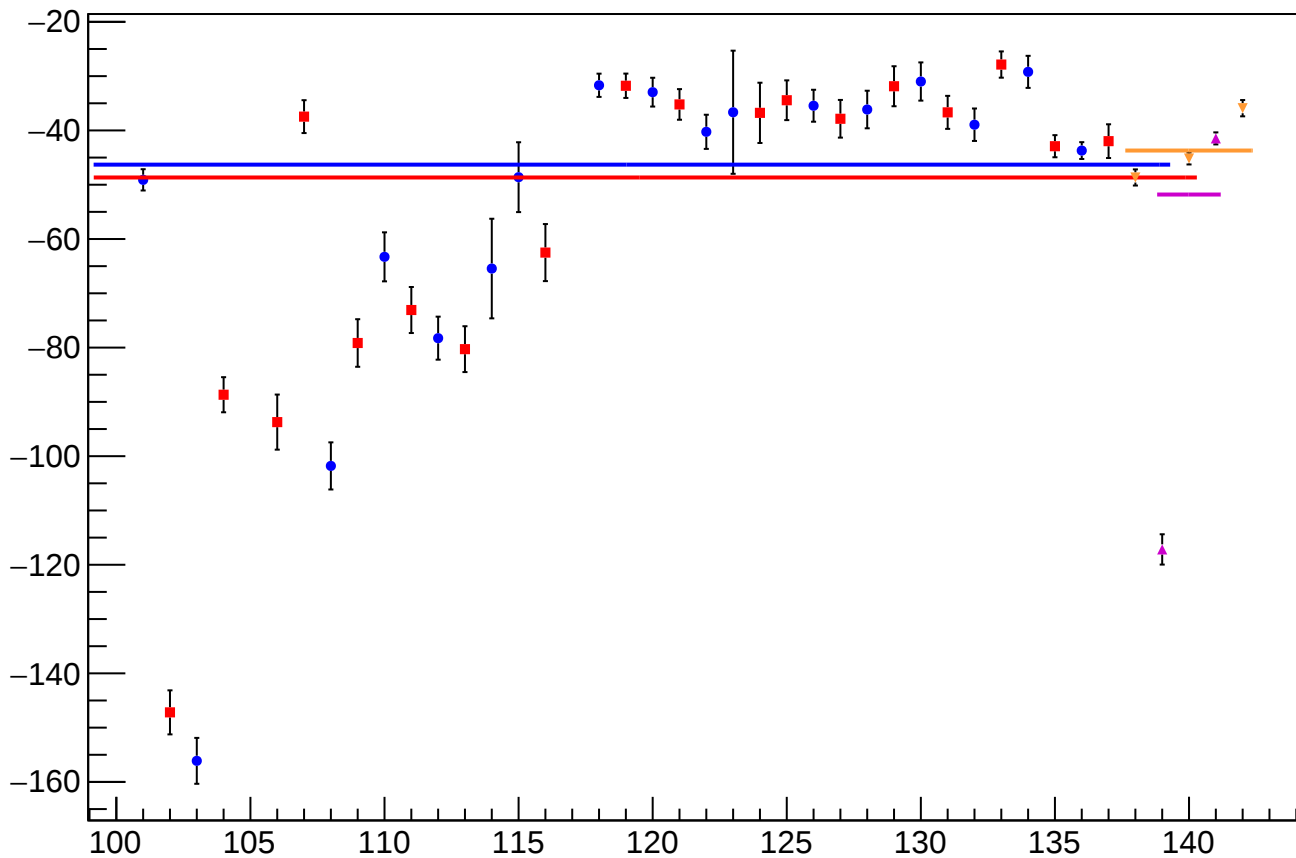
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.203+/-1.096 χ^2/NDF : 31.8/1

Out: -42.494+/-0.920 χ^2/NDF : 5.8/2

All: -38.654+/-0.705 χ^2/NDF : 79.7/4

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -43.702 ± 0.761 $\chi^2/\text{NDF}: 40.0/2$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -51.806 ± 1.032 $\chi^2/\text{NDF}: 634.8/1$

Left: -46.559 ± 0.613 $\chi^2/\text{NDF}: 714.8/4$

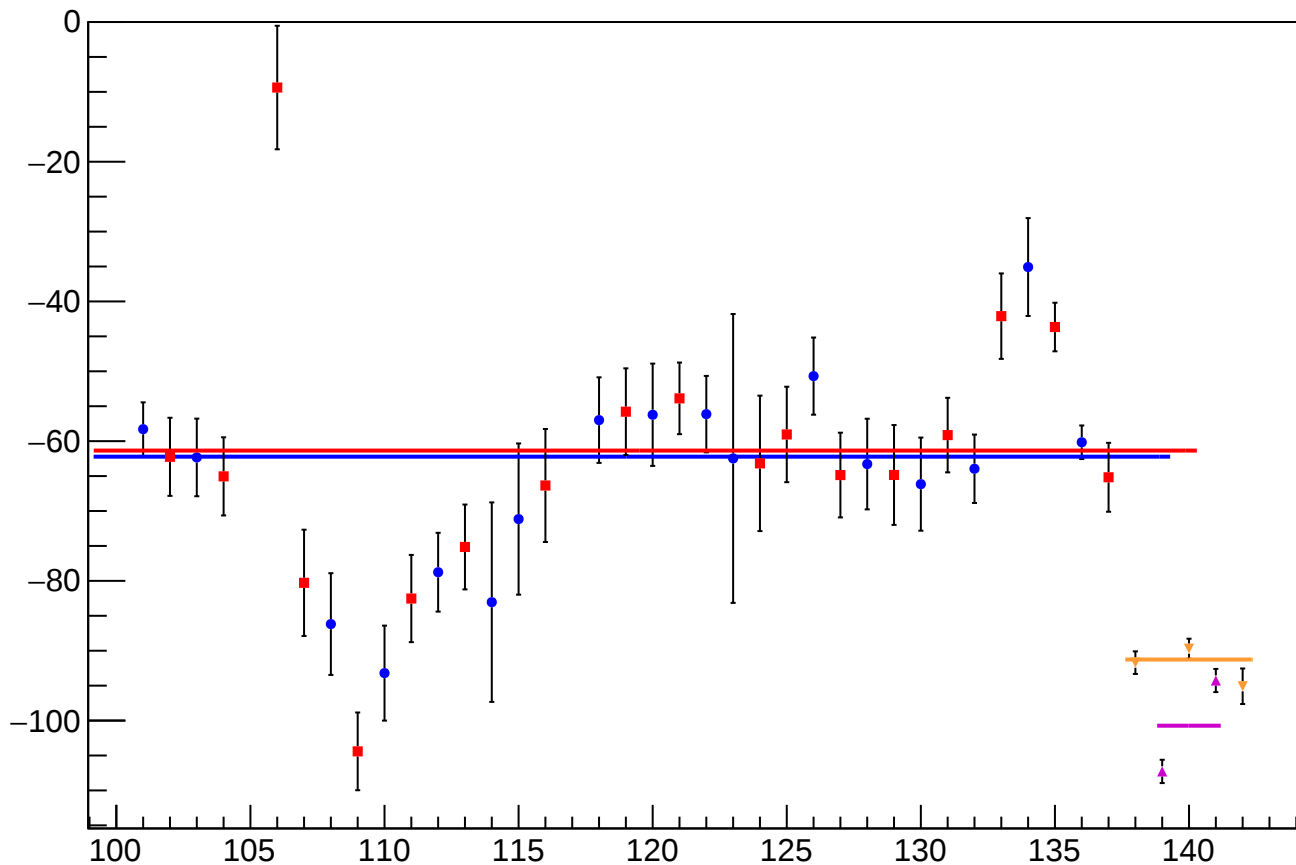
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -48.116 ± 0.592 $\chi^2/\text{NDF}: 1737.9/18$

Out: -46.177 ± 0.539 $\chi^2/\text{NDF}: 1273.4/20$

All: -47.055 ± 0.399 $\chi^2/\text{NDF}: 3017.2/39$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 $\pm$ 1.312 χ^2 /NDF: 67.3/16

Left Out: -91.263 $\pm$ 0.987 χ^2 /NDF: 3.5/2

Right Out: -61.350 $\pm$ 1.383 χ^2 /NDF: 158.4/17

Left In: -100.733 $\pm$ 1.176 χ^2 /NDF: 30.6/1

Left: -95.179 $\pm$ 0.756 χ^2 /NDF: 72.2/4

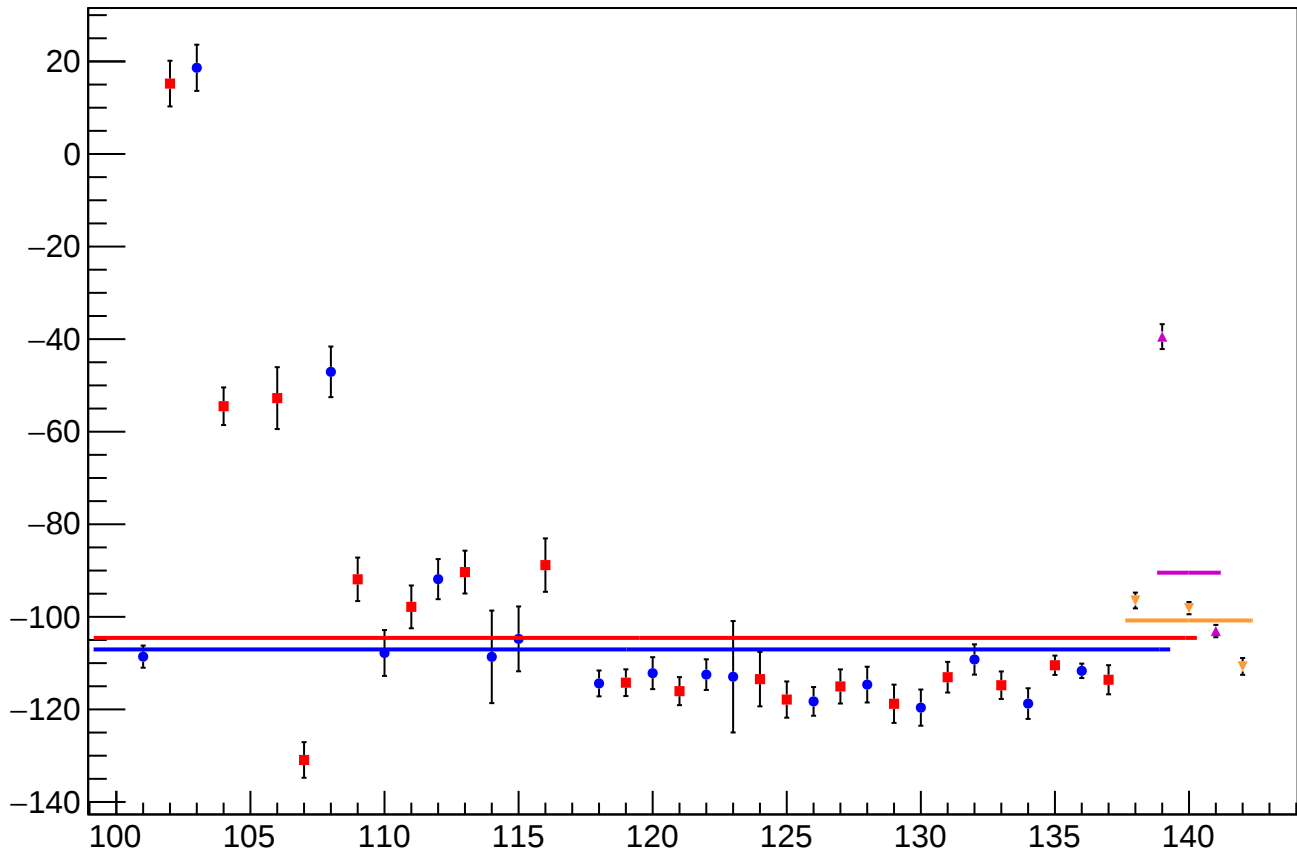
Right: -61.809 $\pm$ 0.952 χ^2 /NDF: 225.9/34

In: -83.578 $\pm$ 0.875 χ^2 /NDF: 576.0/18

Out: -81.168 $\pm$ 0.803 χ^2 /NDF: 471.9/20

All: -82.270 $\pm$ 0.592 χ^2 /NDF: 1052.1/39

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -100.784 ± 0.907 χ^2/NDF : 40.2/2

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -90.462 ± 1.197 χ^2/NDF : 448.8/1

Left: -97.018 ± 0.723 χ^2/NDF : 536.2/4

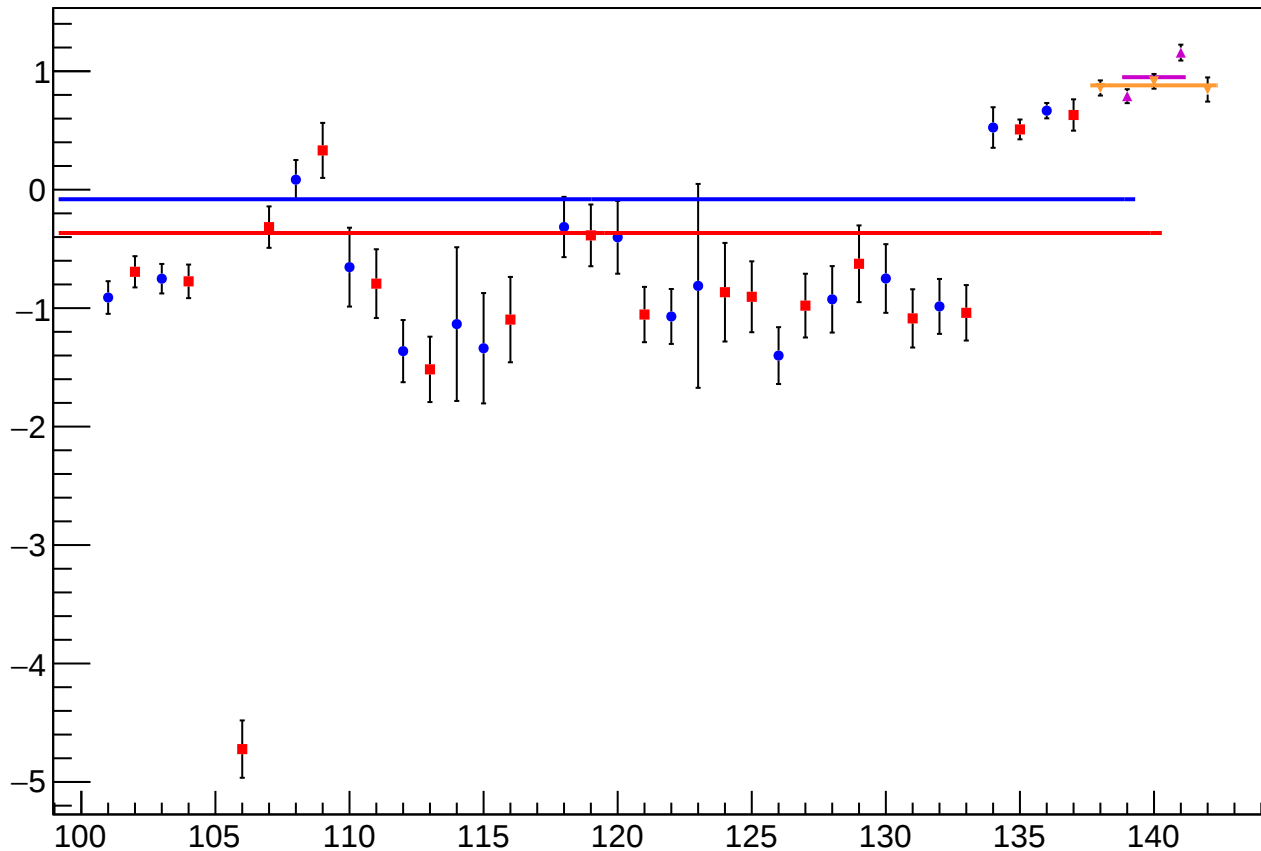
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -101.815 ± 0.672 χ^2/NDF : 1407.9/18

Out: -102.766 ± 0.624 χ^2/NDF : 1016.8/20

All: -102.325 ± 0.458 χ^2/NDF : 2425.7/39

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.881 ± 0.041 χ^2/NDF : 0.5/2

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.950 ± 0.044 χ^2/NDF : 17.0/1

Left: 0.912 ± 0.030 χ^2/NDF : 18.9/4

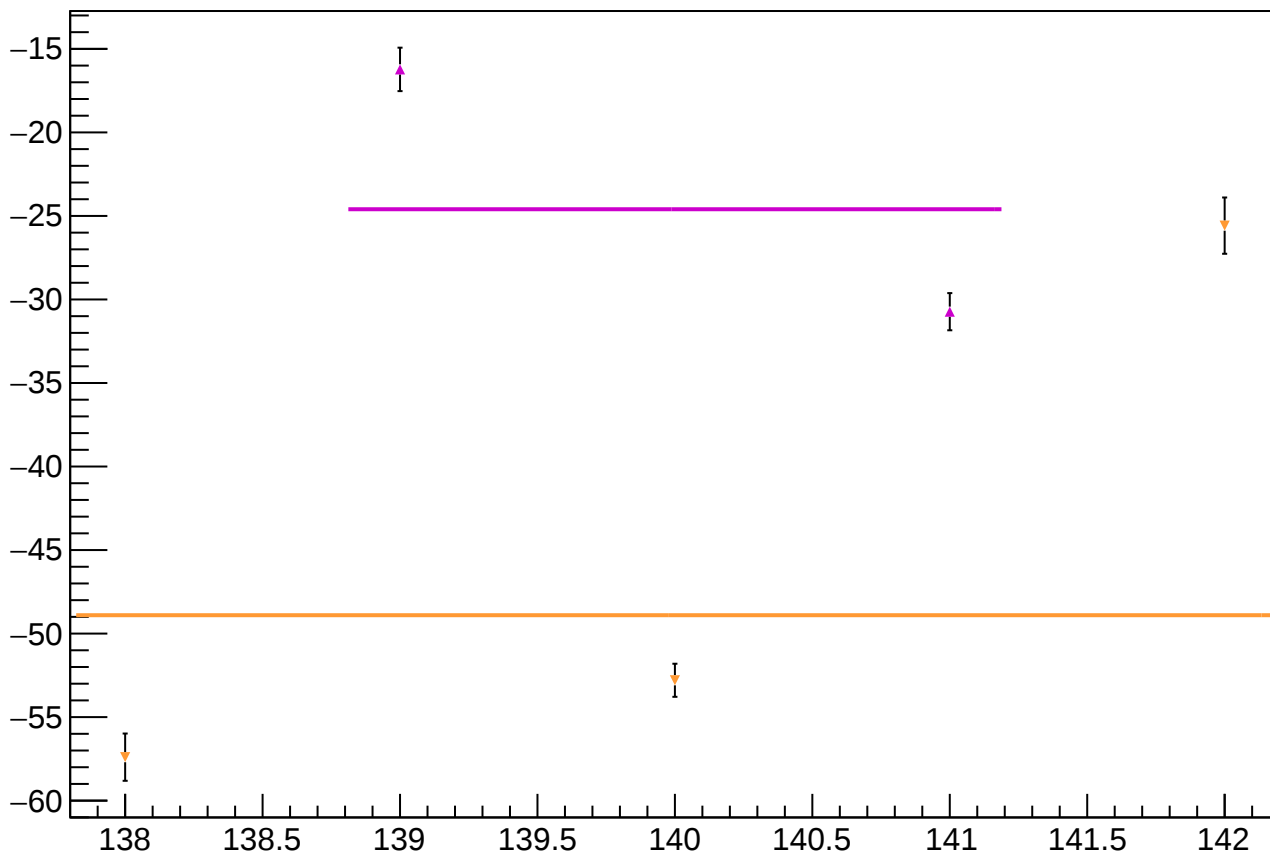
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.410 ± 0.031 χ^2/NDF : 630.1/18

Out: 0.304 ± 0.030 χ^2/NDF : 1004.2/20

All: 0.356 ± 0.021 χ^2/NDF : 1640.4/39

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.901+/-0.731 χ^2/NDF :243.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.599+/-0.845 χ^2/NDF :71.8/1

Left: -38.506+/-0.553 χ^2/NDF : 787.9/4

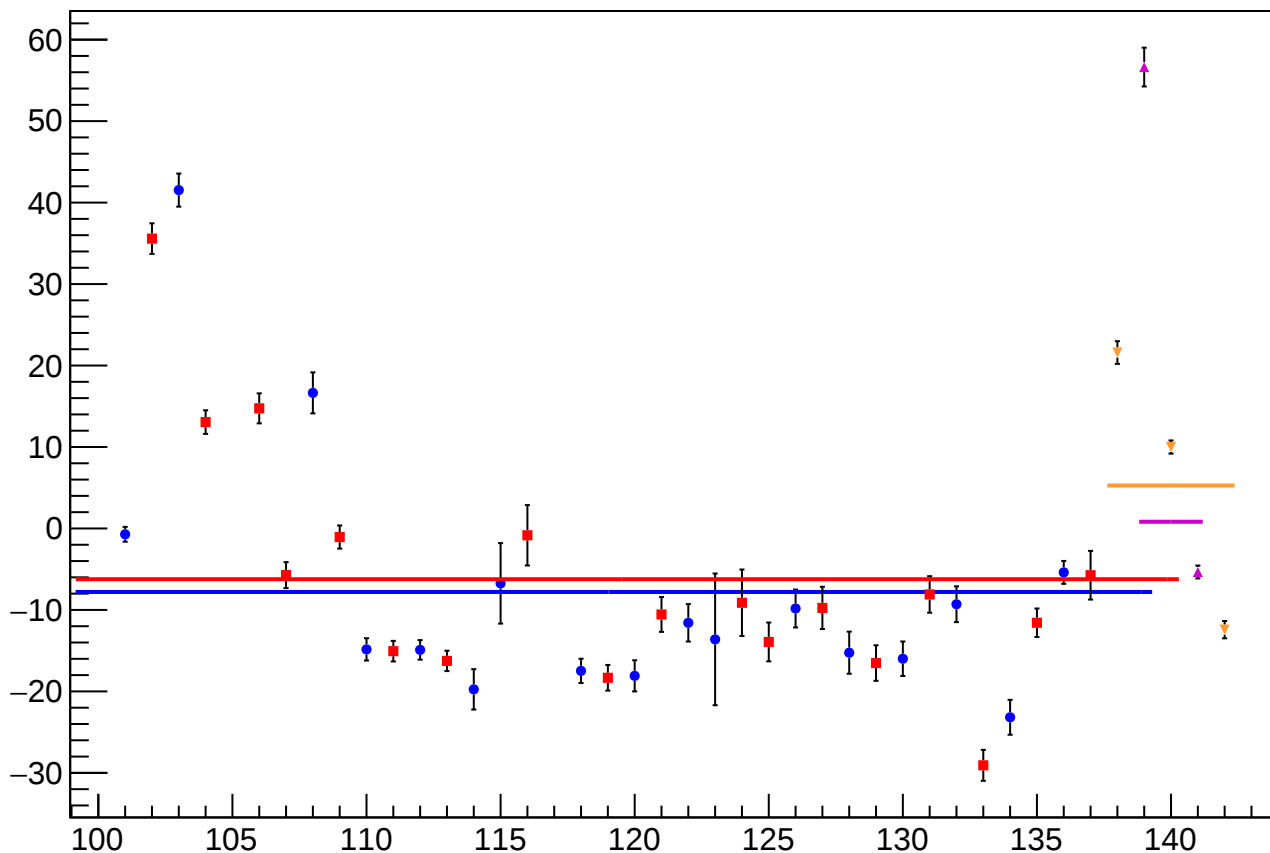
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.599+/-0.845 χ^2/NDF :71.8/1

Out: -48.901+/-0.731 χ^2/NDF :243.2/2

All: -38.506+/-0.553 χ^2/NDF : 787.9/4

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$

Left Out: 5.275 ± 0.584 $\chi^2/\text{NDF}: 447.6/2$

Right Out: -6.231 ± 0.430 $\chi^2/\text{NDF}: 1183.0/17$

Left In: 0.824 ± 0.751 $\chi^2/\text{NDF}: 610.4/1$

Left: 3.596 ± 0.461 $\chi^2/\text{NDF}: 1079.9/4$

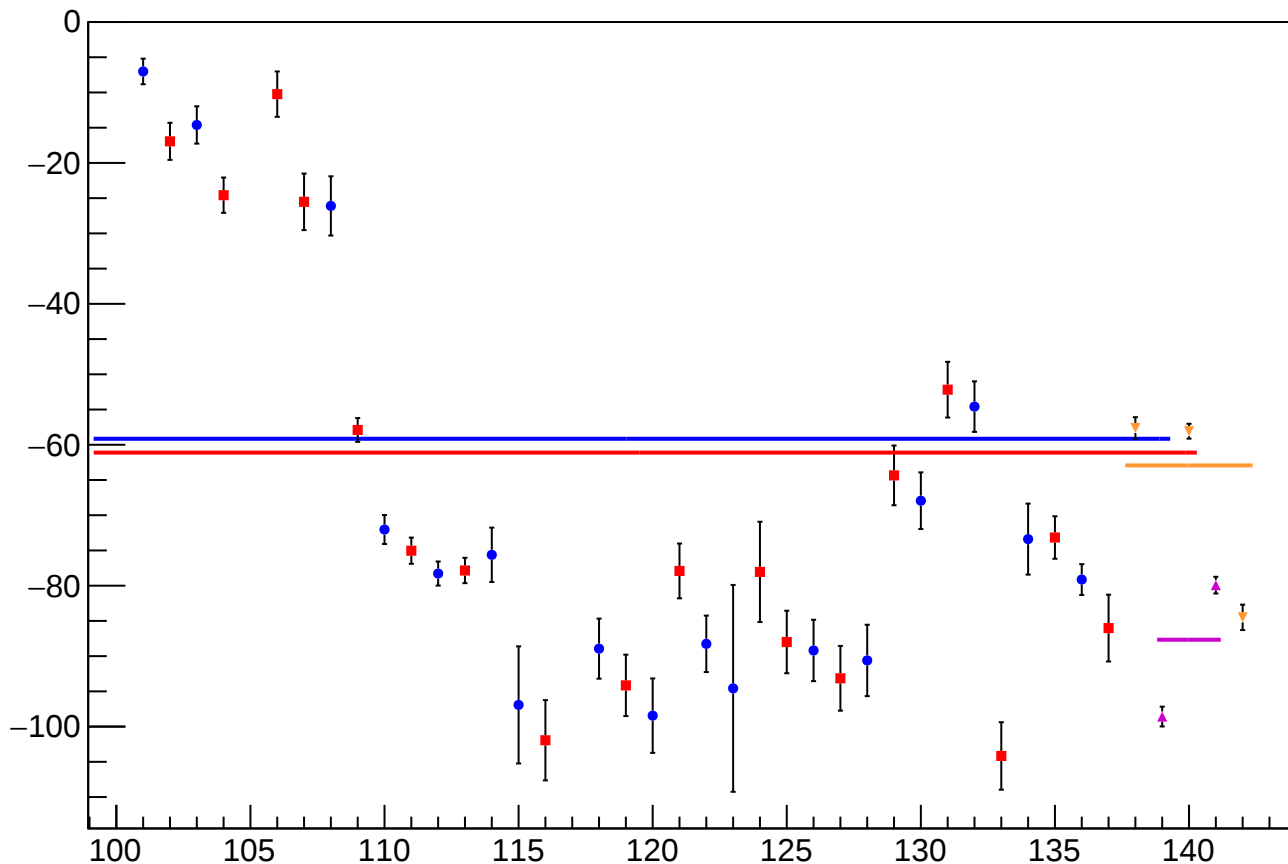
Right: -7.016 ± 0.303 $\chi^2/\text{NDF}: 2172.3/34$

In: -5.681 ± 0.372 $\chi^2/\text{NDF}: 1692.5/18$

Out: -2.192 ± 0.346 $\chi^2/\text{NDF}: 1882.2/20$

All: -3.812 ± 0.253 $\chi^2/\text{NDF}: 3621.9/39$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150+/-0.745 χ^2/NDF : 1718.3/16

Left Out: -62.936+/-0.783 χ^2/NDF : 176.2/2

Right Out: -61.113+/-0.708 χ^2/NDF : 1317.8/17

Left In: -87.669+/-0.905 χ^2/NDF : 103.2/1

Left: -73.522+/-0.592 χ^2/NDF : 706.6/4

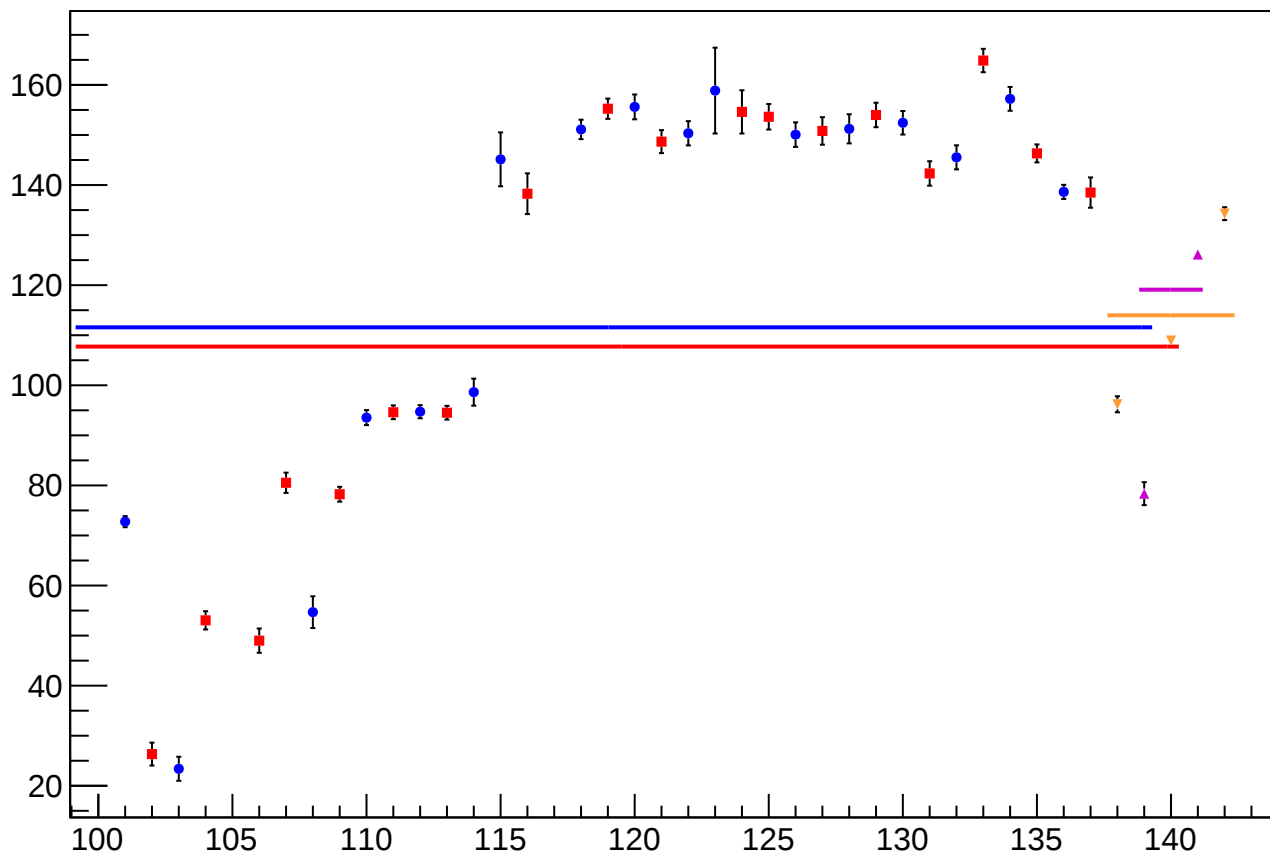
Right: -60.182+/-0.513 χ^2/NDF : 3039.8/34

In: -70.675+/-0.575 χ^2/NDF : 2413.3/18

Out: -61.933+/-0.525 χ^2/NDF : 1497.0/20

All: -65.905+/-0.388 χ^2/NDF : 4036.3/39

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.979 $\pm$ 0.700 χ^2 /NDF:397.6/2

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 119.099 $\pm$ 0.880 χ^2 /NDF:369.5/1

Left: 115.963 $\pm$ 0.548 χ^2 /NDF: 787.8/4

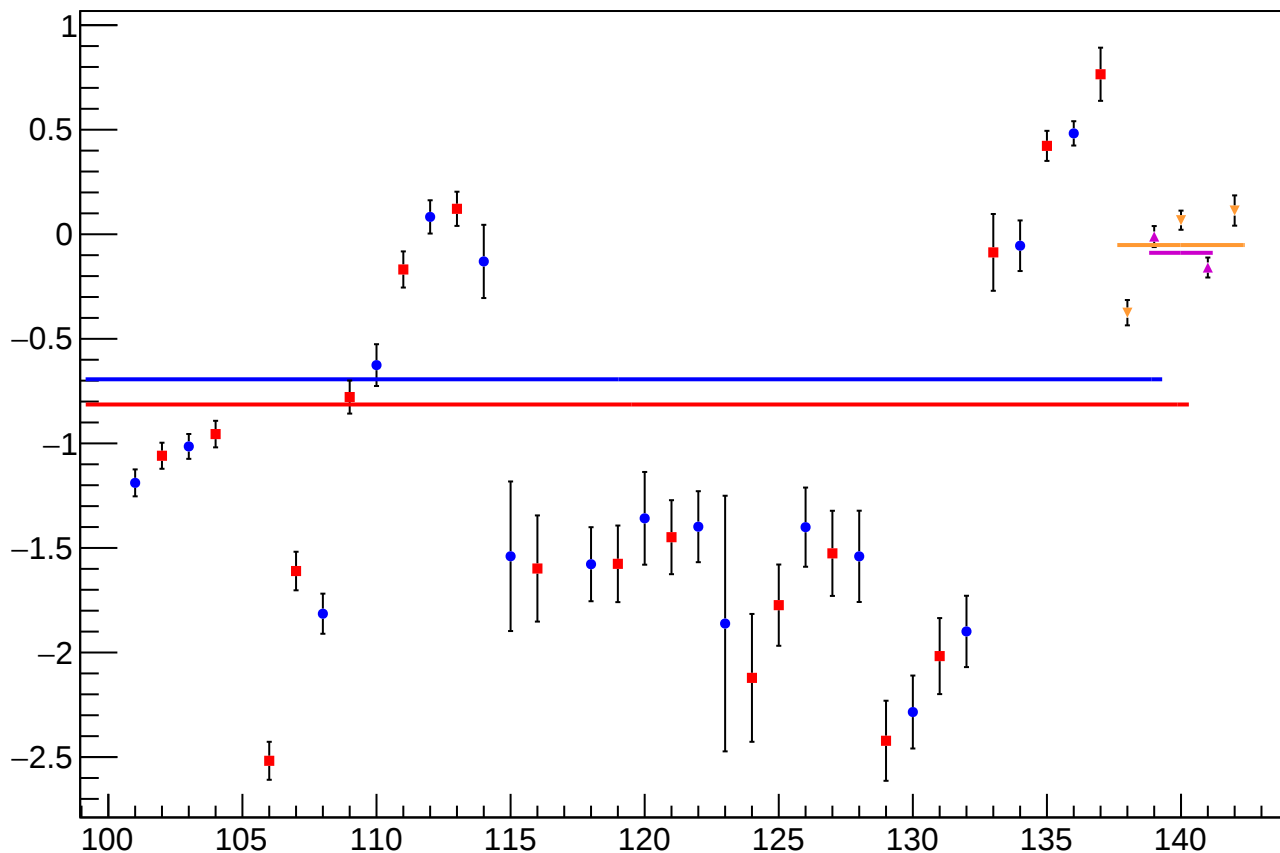
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 113.345 $\pm$ 0.426 χ^2 /NDF:6371.4/18

Out: 109.780 $\pm$ 0.401 χ^2 /NDF:7287.2/20

All: 111.451 $\pm$ 0.292 χ^2 /NDF: 13695.7/39

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.052 ± 0.033 χ^2/NDF : 40.4/2

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.089 ± 0.035 χ^2/NDF : 4.6/1

Left: -0.069 ± 0.024 χ^2/NDF : 45.6/4

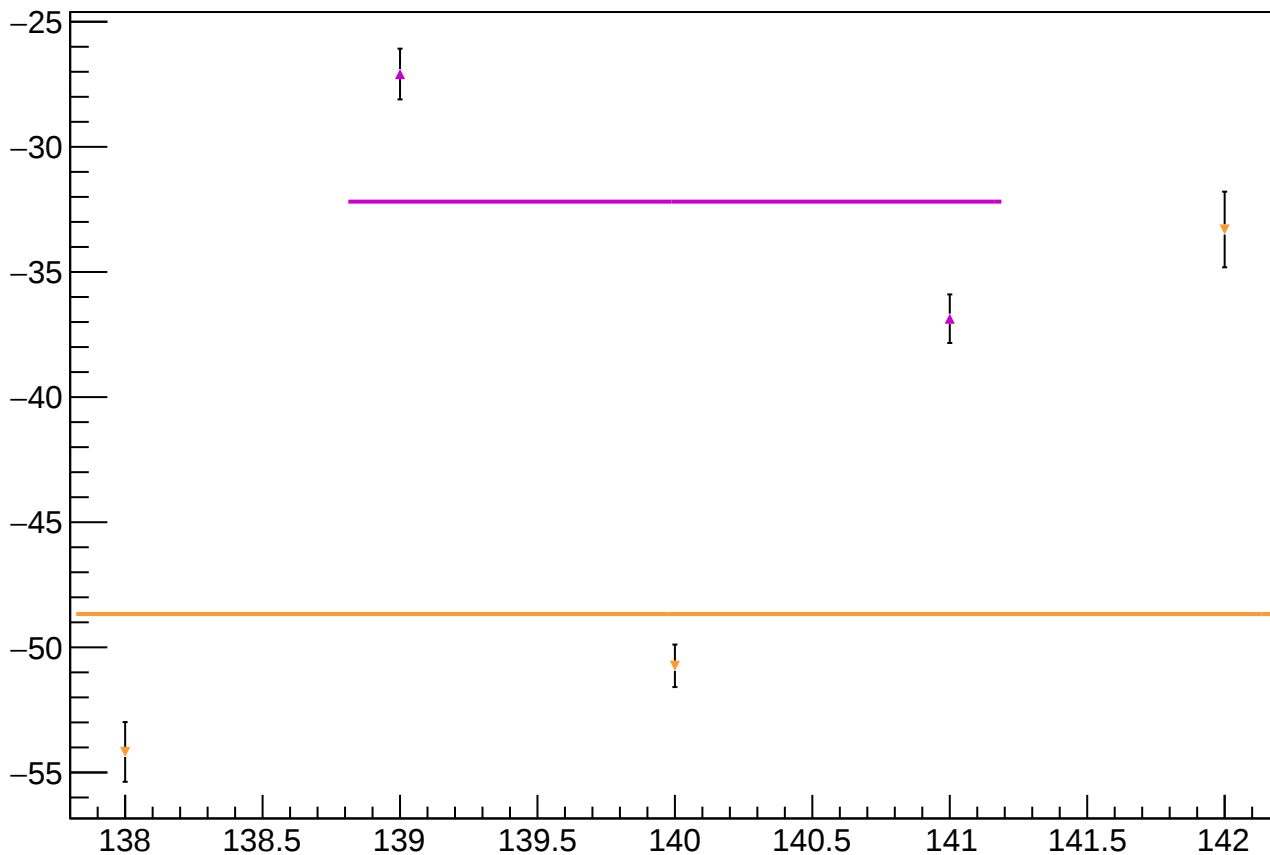
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.539 ± 0.020 χ^2/NDF : 1698.8/20

All: -0.510 ± 0.014 χ^2/NDF : 2895.2/39

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.669+/-0.629 χ^2/NDF :130.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.189+/-0.701 χ^2/NDF :48.5/1

Left: -41.315+/-0.468 χ^2/NDF : 485.1/4

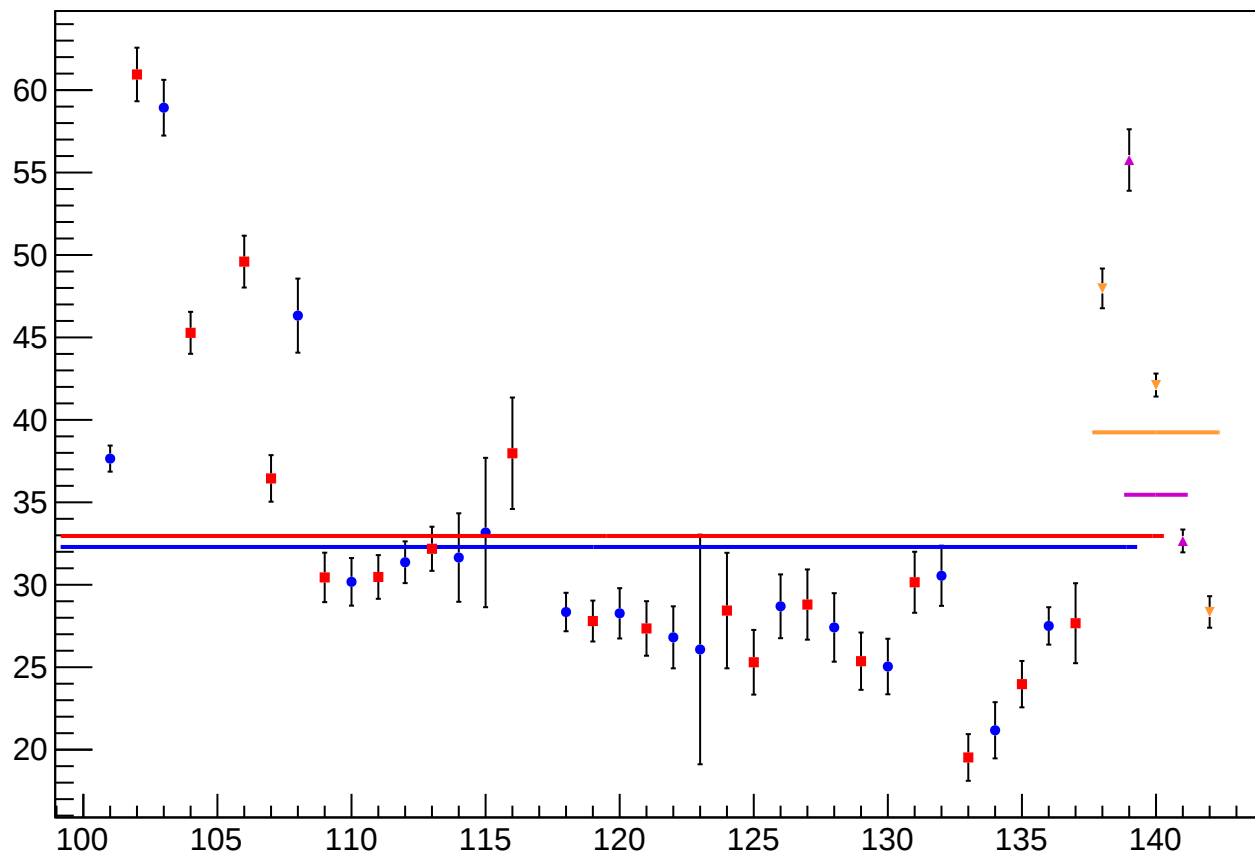
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.189+/-0.701 χ^2/NDF :48.5/1

Out: -48.669+/-0.629 χ^2/NDF :130.7/2

All: -41.315+/-0.468 χ^2/NDF : 485.1/4

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2/NDF : 452.5/16

Left Out: 39.245 $\pm$ 0.510 χ^2/NDF : 199.1/2

Right Out: 32.960 $\pm$ 0.380 χ^2/NDF : 724.0/17

Left In: 35.459 $\pm$ 0.649 χ^2/NDF : 134.8/1

Left: 37.799 $\pm$ 0.401 χ^2/NDF : 355.0/4

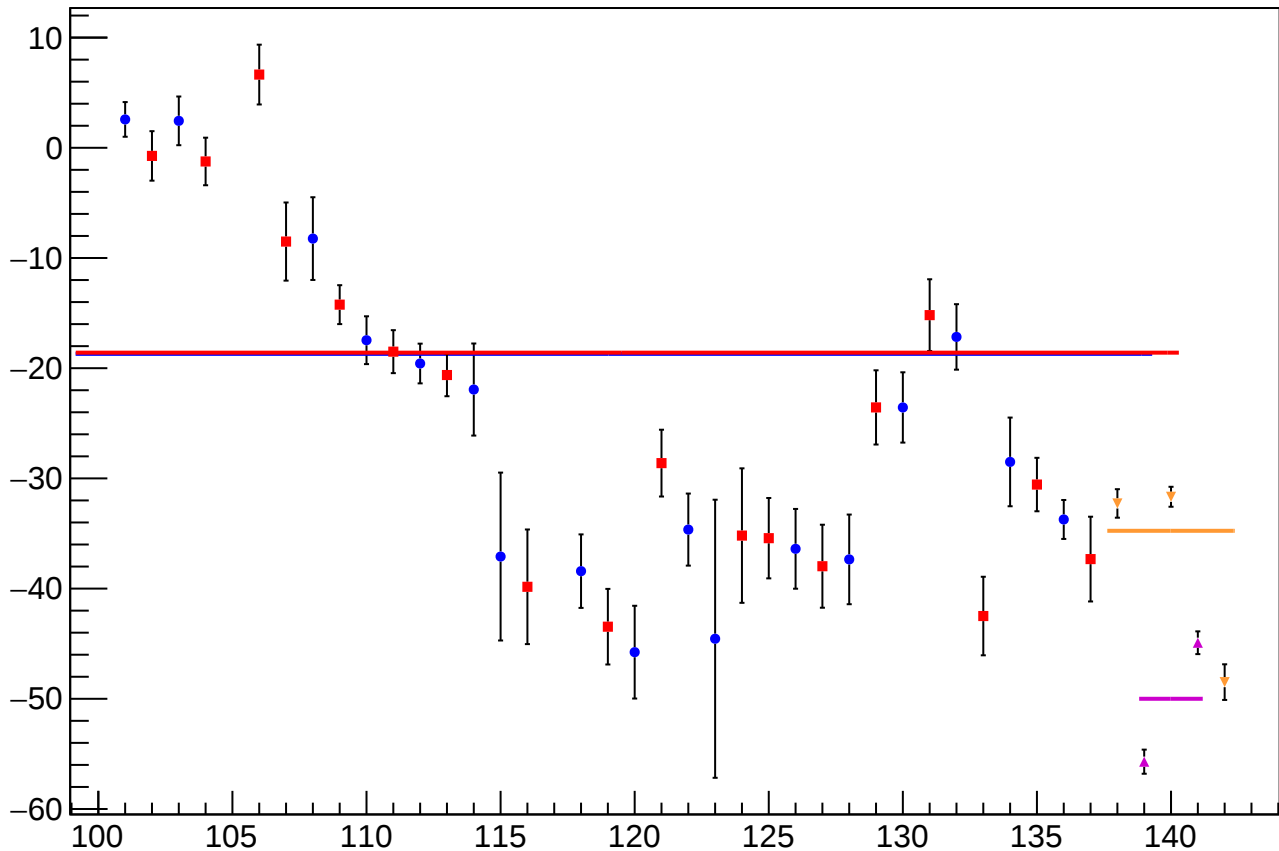
Right: 32.620 $\pm$ 0.266 χ^2/NDF : 1178.1/34

In: 33.079 $\pm$ 0.324 χ^2/NDF : 605.2/18

Out: 35.199 $\pm$ 0.305 χ^2/NDF : 1020.8/20

All: 34.203 $\pm$ 0.222 χ^2/NDF : 1648.8/39

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -34.755 ± 0.674 χ^2/NDF : 87.4/2

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -49.999 ± 0.751 χ^2/NDF : 51.5/1

Left: -41.560 ± 0.502 χ^2/NDF : 367.0/4

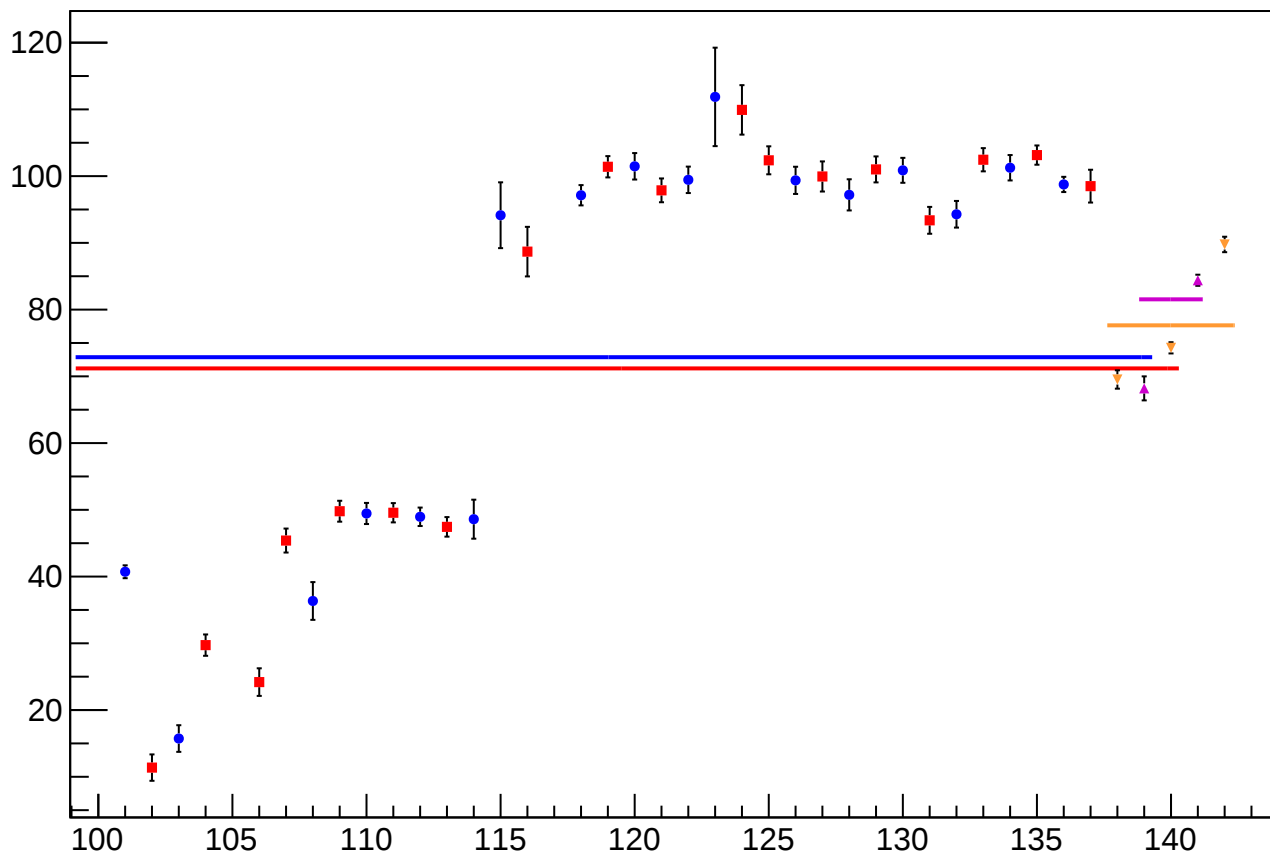
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -32.492 ± 0.498 χ^2/NDF : 1542.3/18

Out: -26.346 ± 0.467 χ^2/NDF : 847.7/20

All: -29.219 ± 0.341 χ^2/NDF : 2471.0/39

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.644 $\pm$ 0.610 χ^2 /NDF:160.5/2

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 81.539 $\pm$ 0.756 χ^2 /NDF:66.8/1

Left: 79.180 $\pm$ 0.475 χ^2 /NDF: 243.4/4

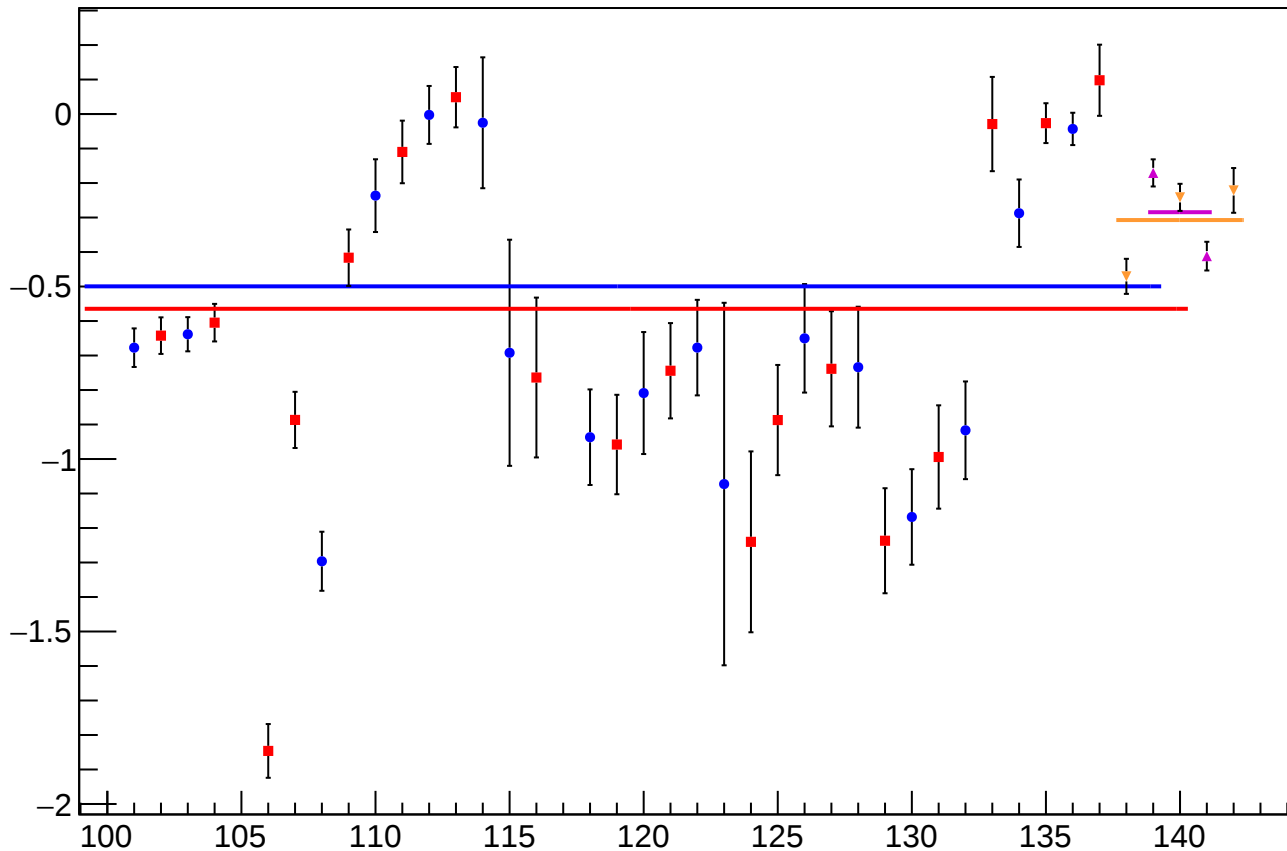
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.965 $\pm$ 0.371 χ^2 /NDF:4893.7/18

Out: 73.360 $\pm$ 0.354 χ^2 /NDF:5609.9/20

All: 74.123 $\pm$ 0.256 χ^2 /NDF: 10513.4/39

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.307 ± 0.028 χ^2/NDF : 14.9/2

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.285 ± 0.029 χ^2/NDF : 17.8/1

Left: -0.296 ± 0.020 χ^2/NDF : 33.0/4

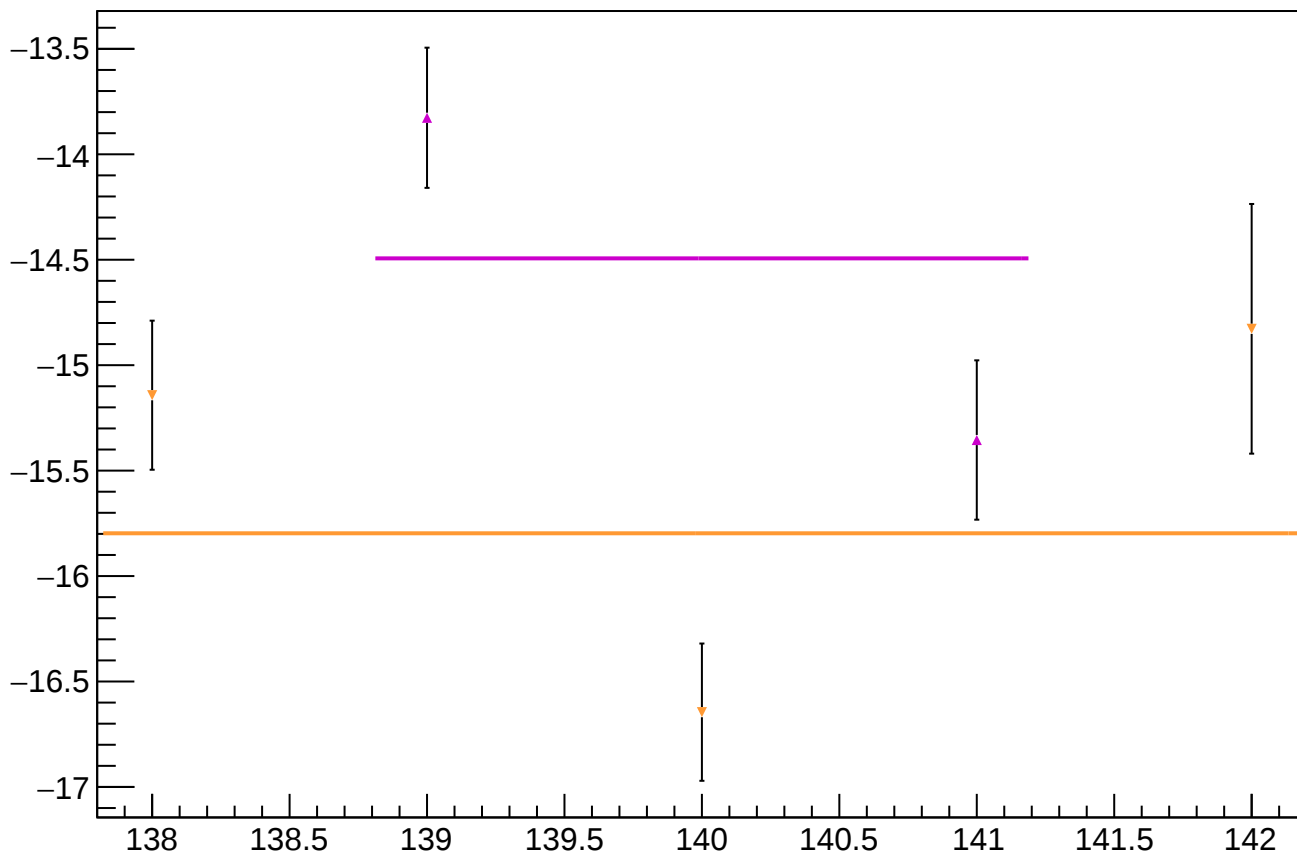
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.469 ± 0.017 χ^2/NDF : 627.3/20

All: -0.444 ± 0.012 χ^2/NDF : 987.1/39

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.797+/-0.222 χ^2/NDF :12.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.494+/-0.250 χ^2/NDF :9.2/1

Left: -15.221+/-0.166 χ^2/NDF : 37.4/4

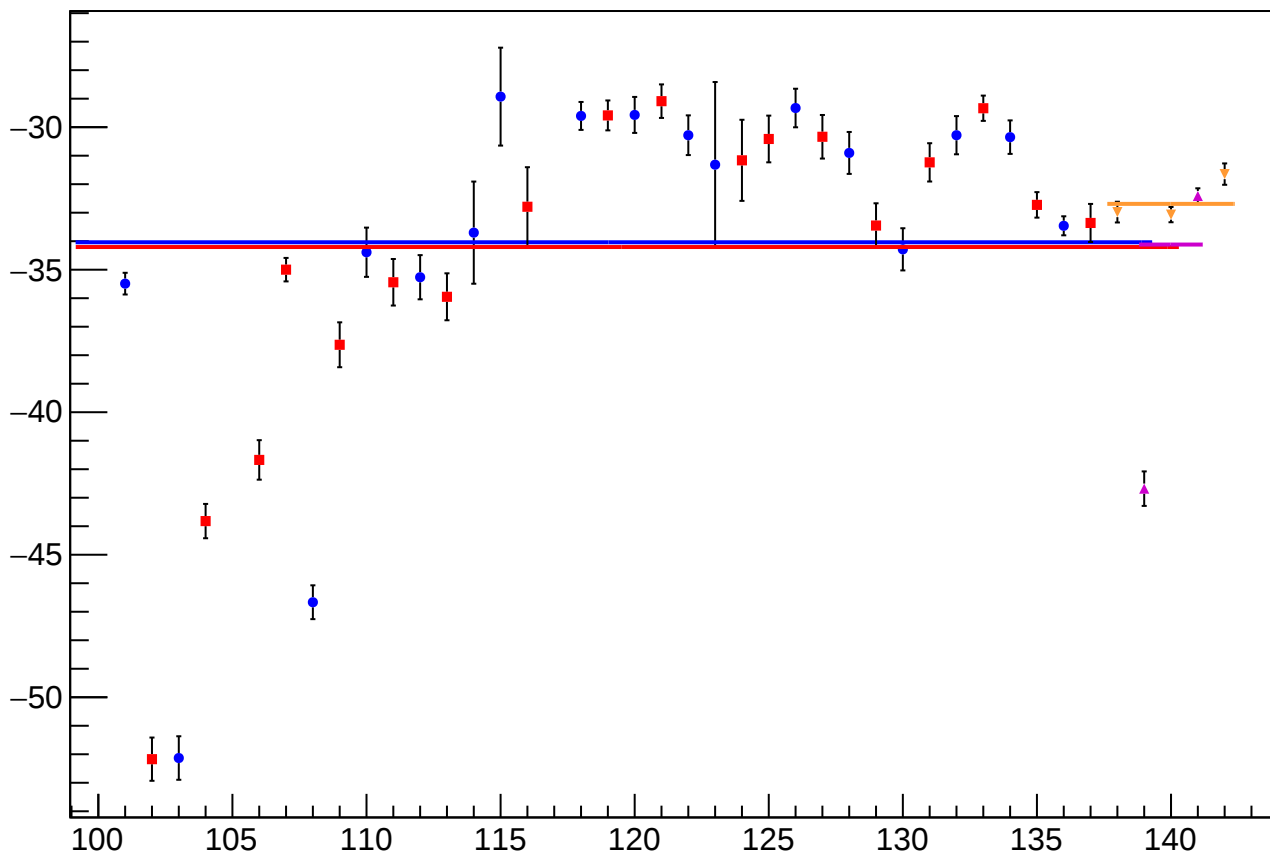
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.494+/-0.250 χ^2/NDF :9.2/1

Out: -15.797+/-0.222 χ^2/NDF :12.9/2

All: -15.221+/-0.166 χ^2/NDF : 37.4/4

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.691 ± 0.187 χ^2/NDF : 10.4/2

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -34.118 ± 0.247 χ^2/NDF : 239.9/1

Left: -33.211 ± 0.149 χ^2/NDF : 271.5/4

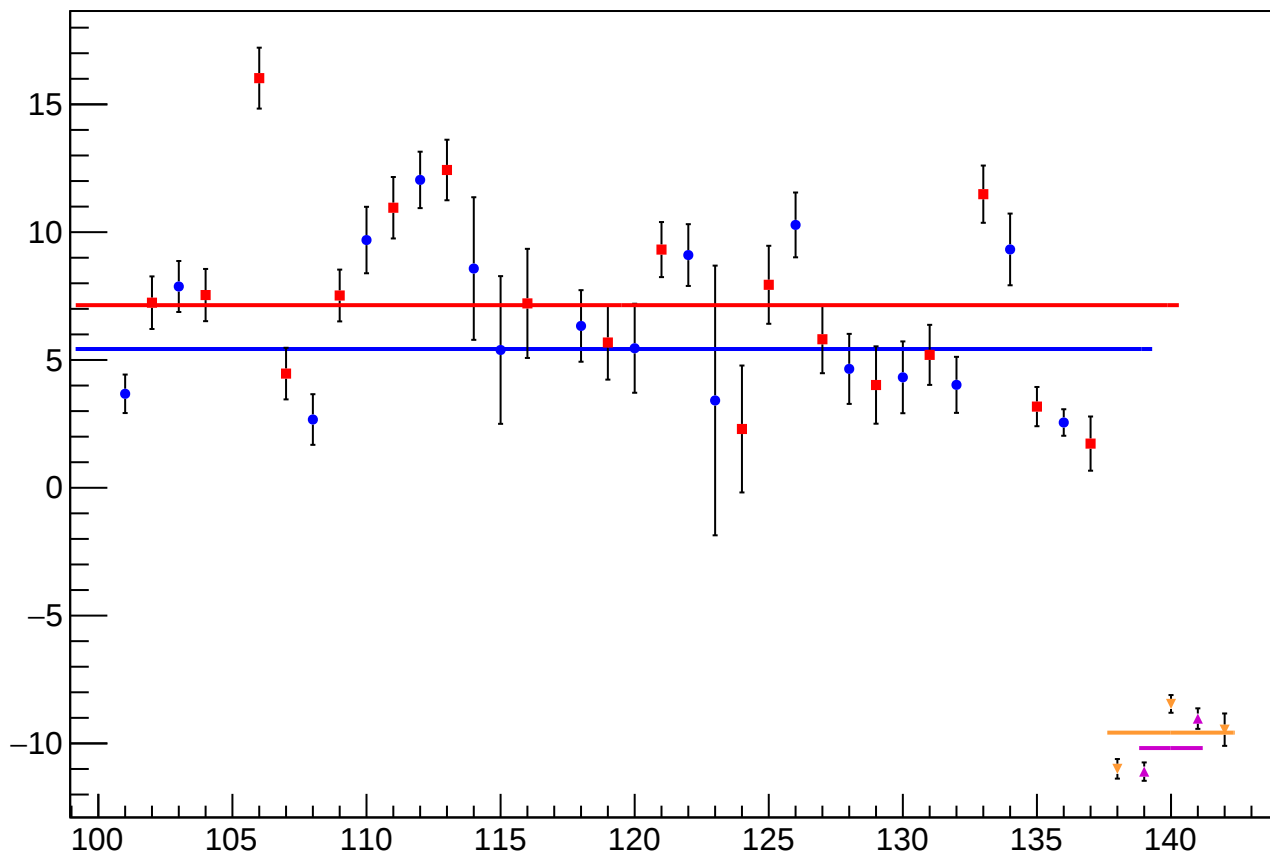
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.608 ± 0.117 χ^2/NDF : 1370.9/20

All: -33.813 ± 0.087 χ^2/NDF : 2960.5/39

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.578 ± 0.238 χ^2/NDF : 24.2/2

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -10.182 ± 0.268 χ^2/NDF : 14.8/1

Left: -9.845 ± 0.178 χ^2/NDF : 41.8/4

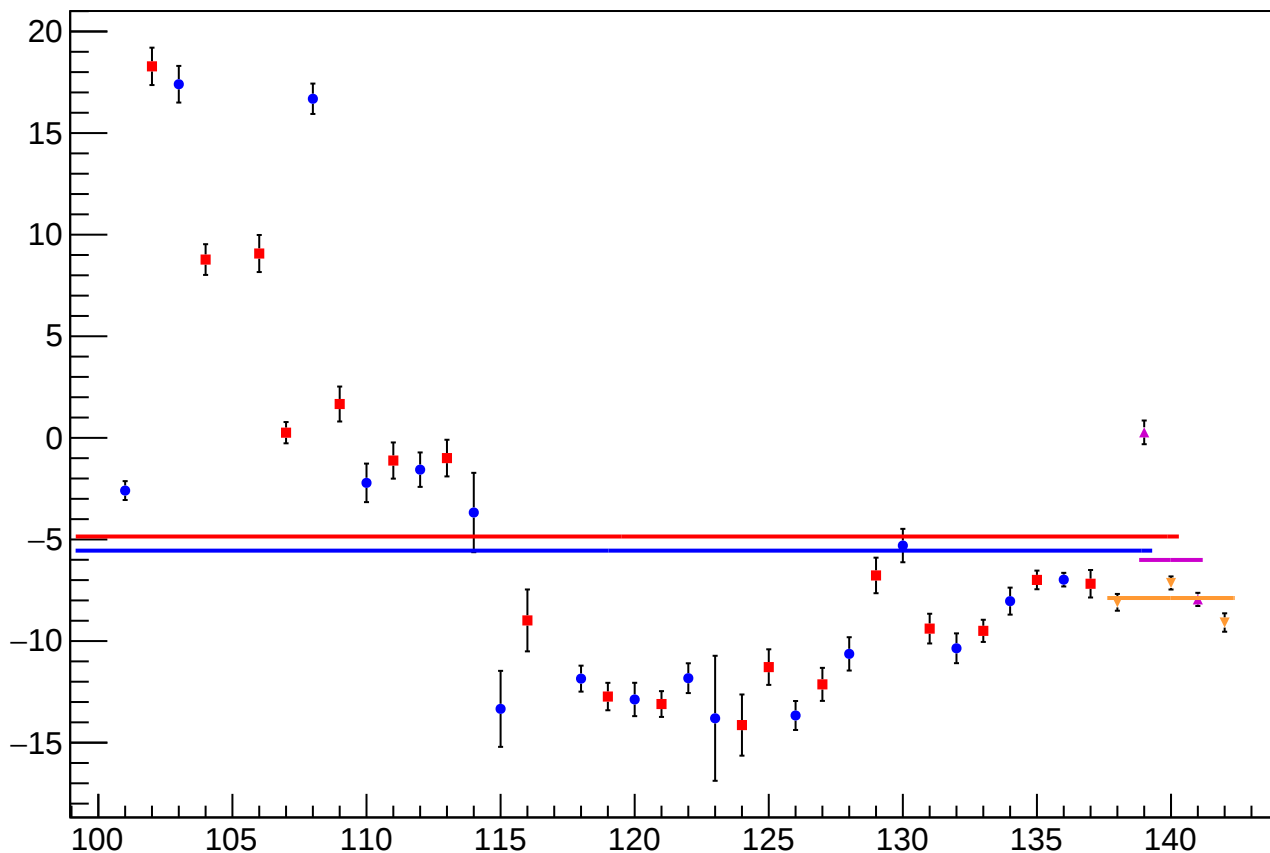
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -2.436 ± 0.190 χ^2/NDF : 1833.1/18

Out: -2.406 ± 0.180 χ^2/NDF : 2314.9/20

All: -2.420 ± 0.131 χ^2/NDF : 4148.1/39

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.881 ± 0.222 χ^2/NDF : 12.6/2

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.008 ± 0.284 χ^2/NDF : 151.7/1

Left: -7.170 ± 0.175 χ^2/NDF : 191.4/4

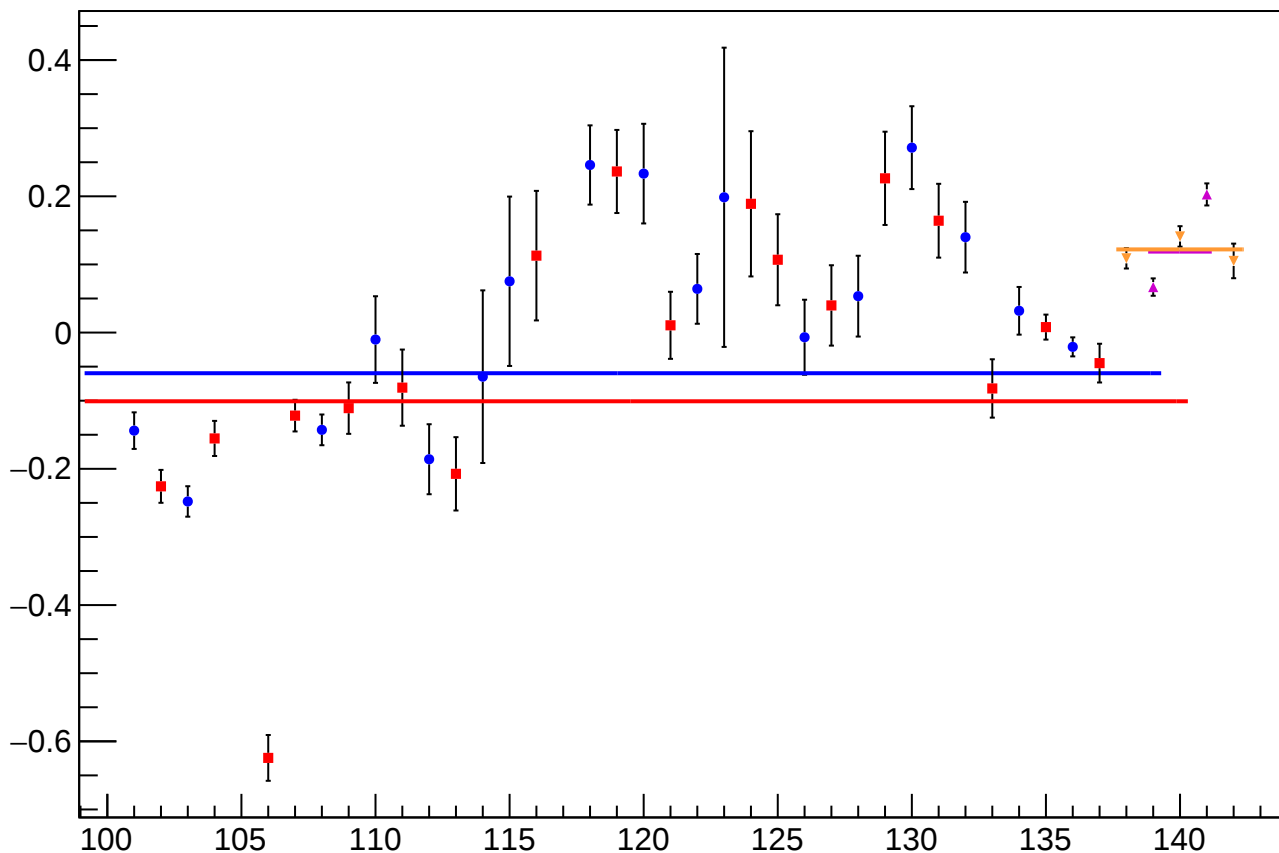
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -5.998 ± 0.136 χ^2/NDF : 2141.6/20

All: -5.845 ± 0.100 χ^2/NDF : 4424.4/39

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.122 ± 0.010 χ^2/NDF : 2.8/2

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.119 ± 0.010 χ^2/NDF : 43.5/1

Left: 0.120 ± 0.007 χ^2/NDF : 46.4/4

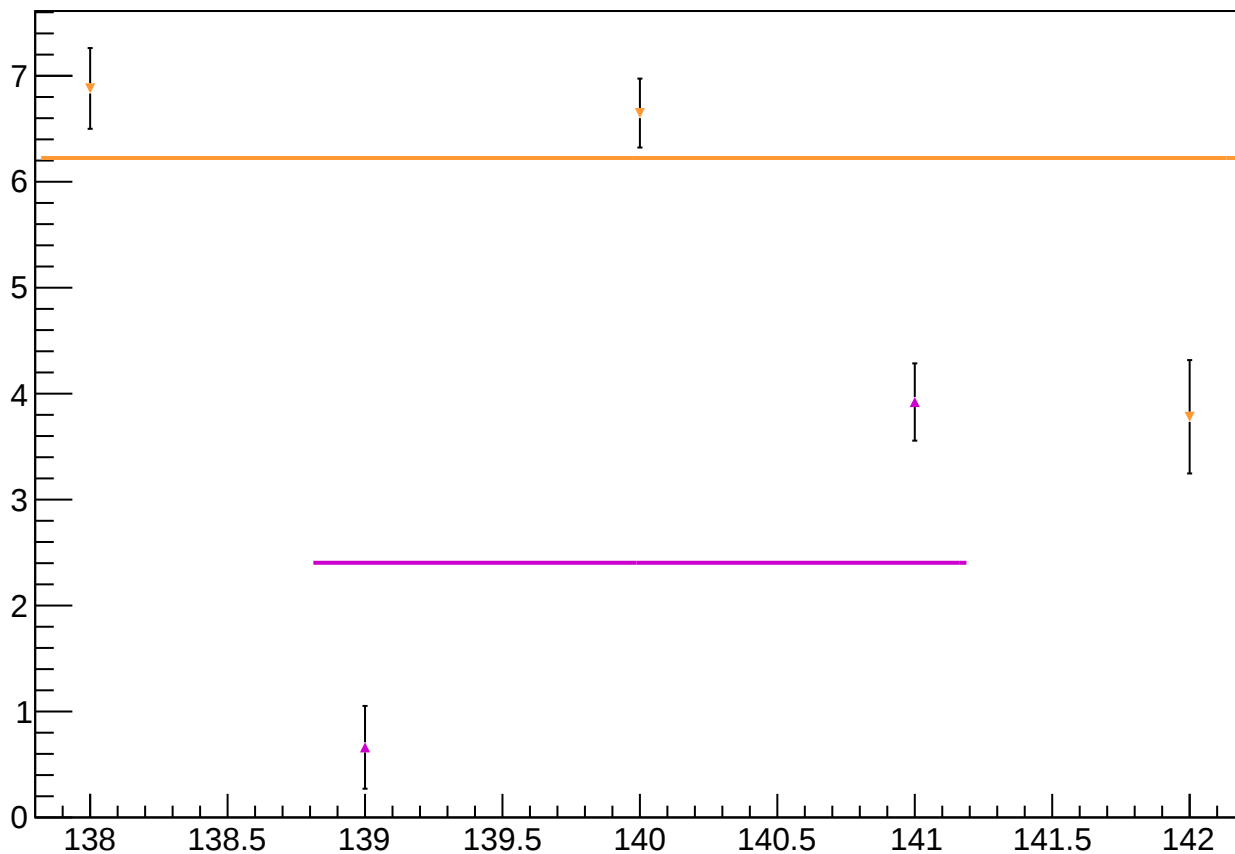
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: -0.006 ± 0.006 χ^2/NDF : 728.3/20

All: 0.004 ± 0.005 χ^2/NDF : 1179.7/39

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6.224+/-0.225 χ^2/NDF :25.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.404+/-0.267 χ^2/NDF :37.2/1

Left: 4.638+/-0.172 χ^2/NDF : 182.9/4

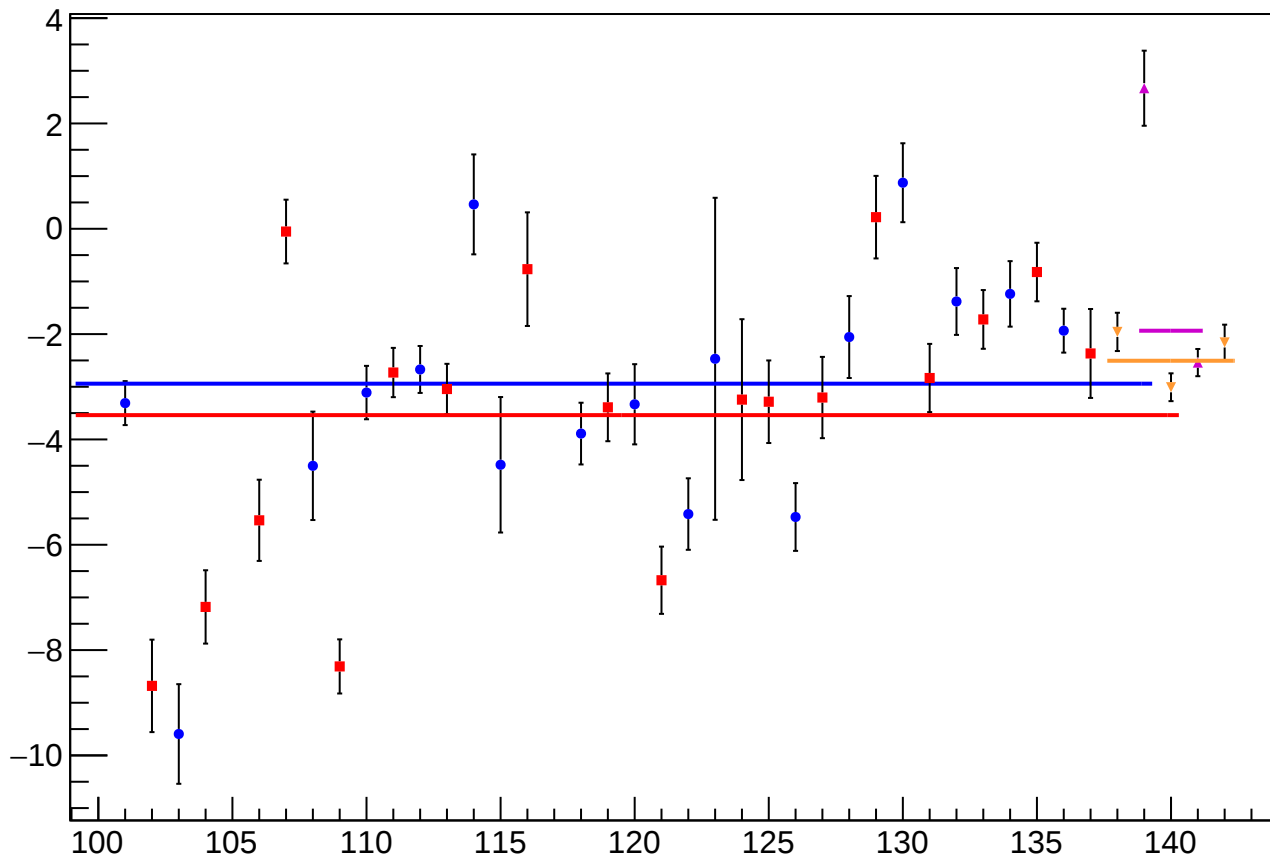
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.404+/-0.267 χ^2/NDF :37.2/1

Out: 6.224+/-0.225 χ^2/NDF :25.5/2

All: 4.638+/-0.172 χ^2/NDF : 182.9/4

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.506 ± 0.180 χ^2/NDF : 7.0/2

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.936 ± 0.243 χ^2/NDF : 47.2/1

Left: -2.303 ± 0.145 χ^2/NDF : 57.7/4

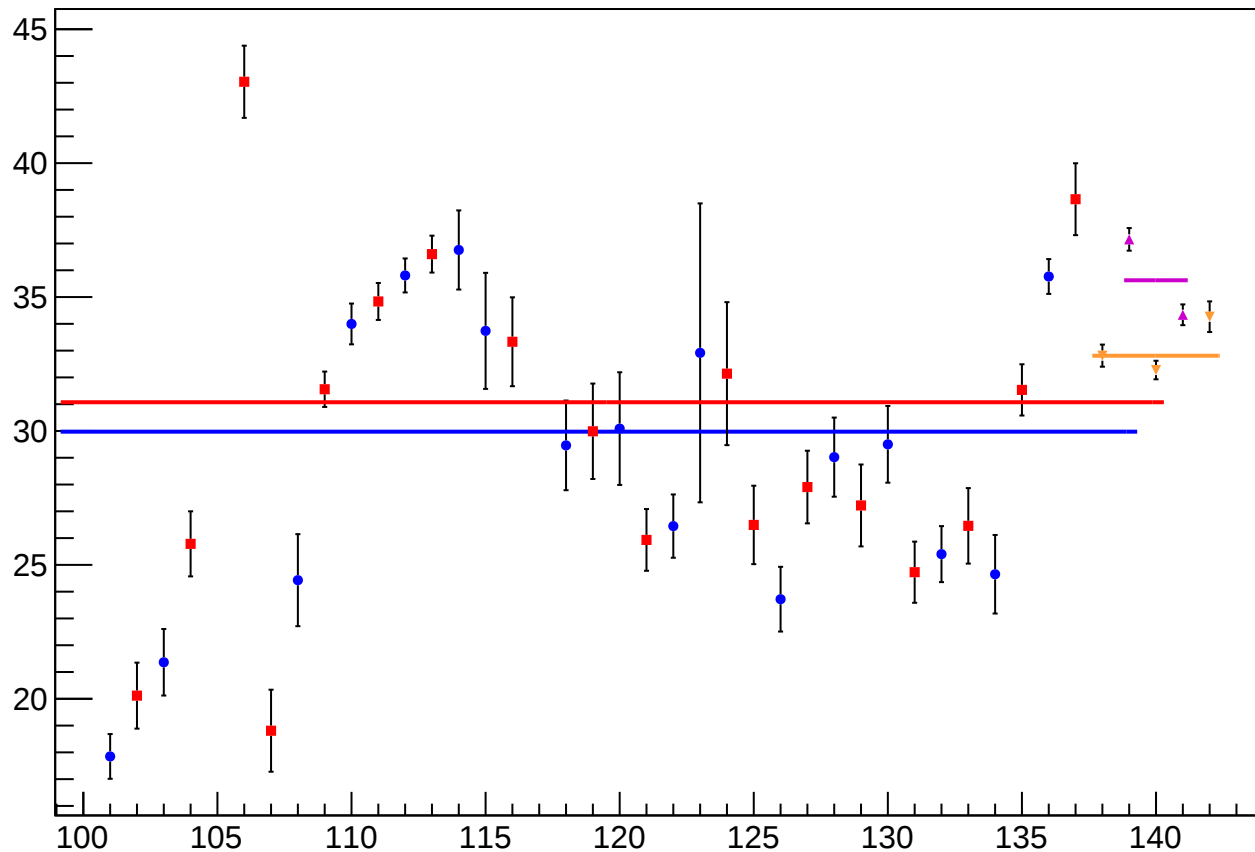
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -3.101 ± 0.117 χ^2/NDF : 309.4/20

All: -2.900 ± 0.087 χ^2/NDF : 521.0/39

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 32.810 $\pm$ 0.241 χ^2 /NDF: 8.9/2

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 35.626 $\pm$ 0.286 χ^2 /NDF: 24.1/1

Left: 33.980 $\pm$ 0.184 χ^2 /NDF: 89.9/4

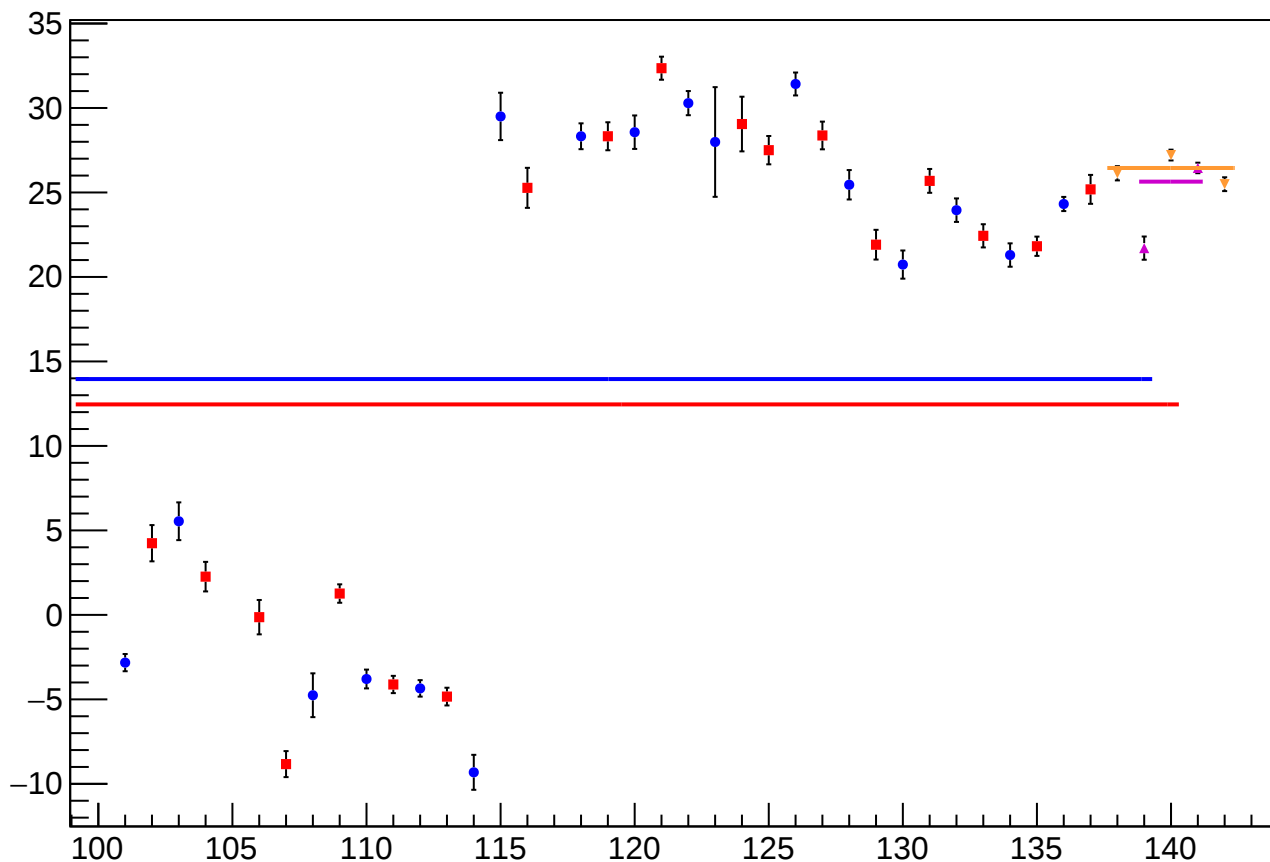
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 32.613 $\pm$ 0.195 χ^2 /NDF: 787.0/18

Out: 32.009 $\pm$ 0.177 χ^2 /NDF: 486.2/20

All: 32.281 $\pm$ 0.131 χ^2 /NDF: 1278.4/39

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 26.449 $\pm$ 0.216 χ^2 /NDF:11.8/2

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 25.641 $\pm$ 0.284 χ^2 /NDF:39.6/1

Left: 26.152 $\pm$ 0.172 χ^2 /NDF: 56.5/4

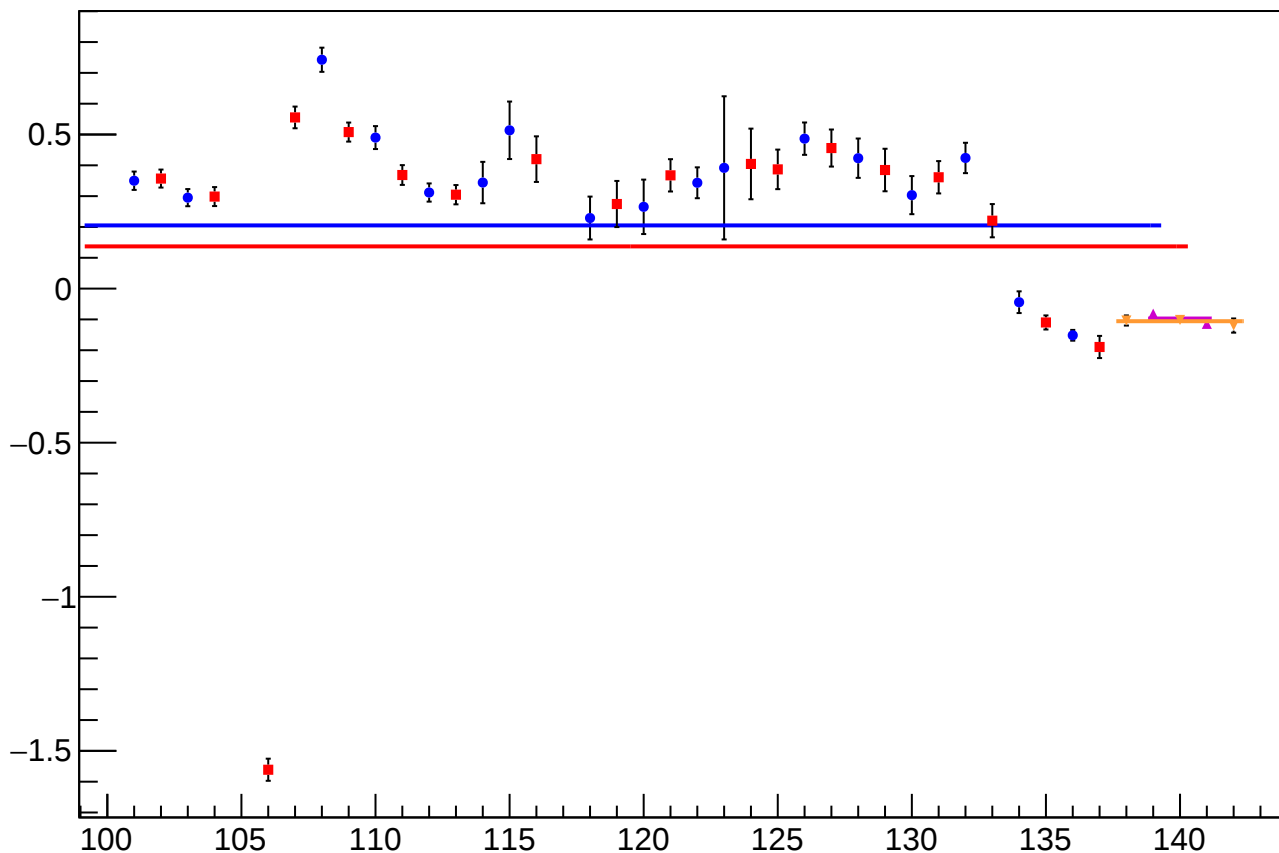
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 17.101 $\pm$ 0.147 χ^2 /NDF:8625.7/18

Out: 17.948 $\pm$ 0.135 χ^2 /NDF:9536.9/20

All: 17.560 $\pm$ 0.100 χ^2 /NDF: 18180.5/39

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.106 ± 0.010 χ^2/NDF : 0.5/2

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.097 ± 0.011 χ^2/NDF : 2.3/1

Left: -0.102 ± 0.007 χ^2/NDF : 3.1/4

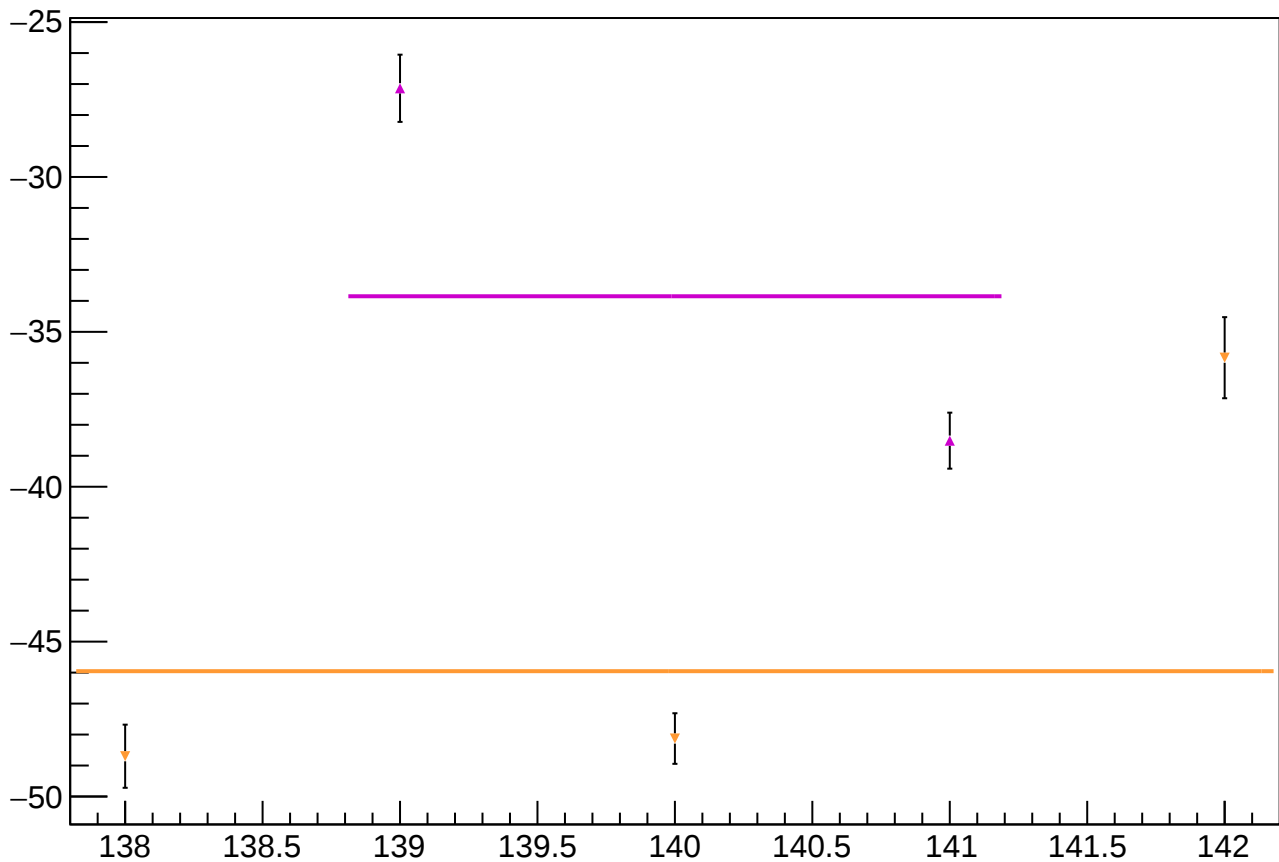
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: 0.076 ± 0.007 χ^2/NDF : 1293.6/18

Out: 0.026 ± 0.007 χ^2/NDF : 3326.9/20

All: 0.050 ± 0.005 χ^2/NDF : 4646.8/39

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.954+/-0.573 χ^2/NDF : 74.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Left: -41.053+/-0.442 χ^2/NDF : 319.7/4

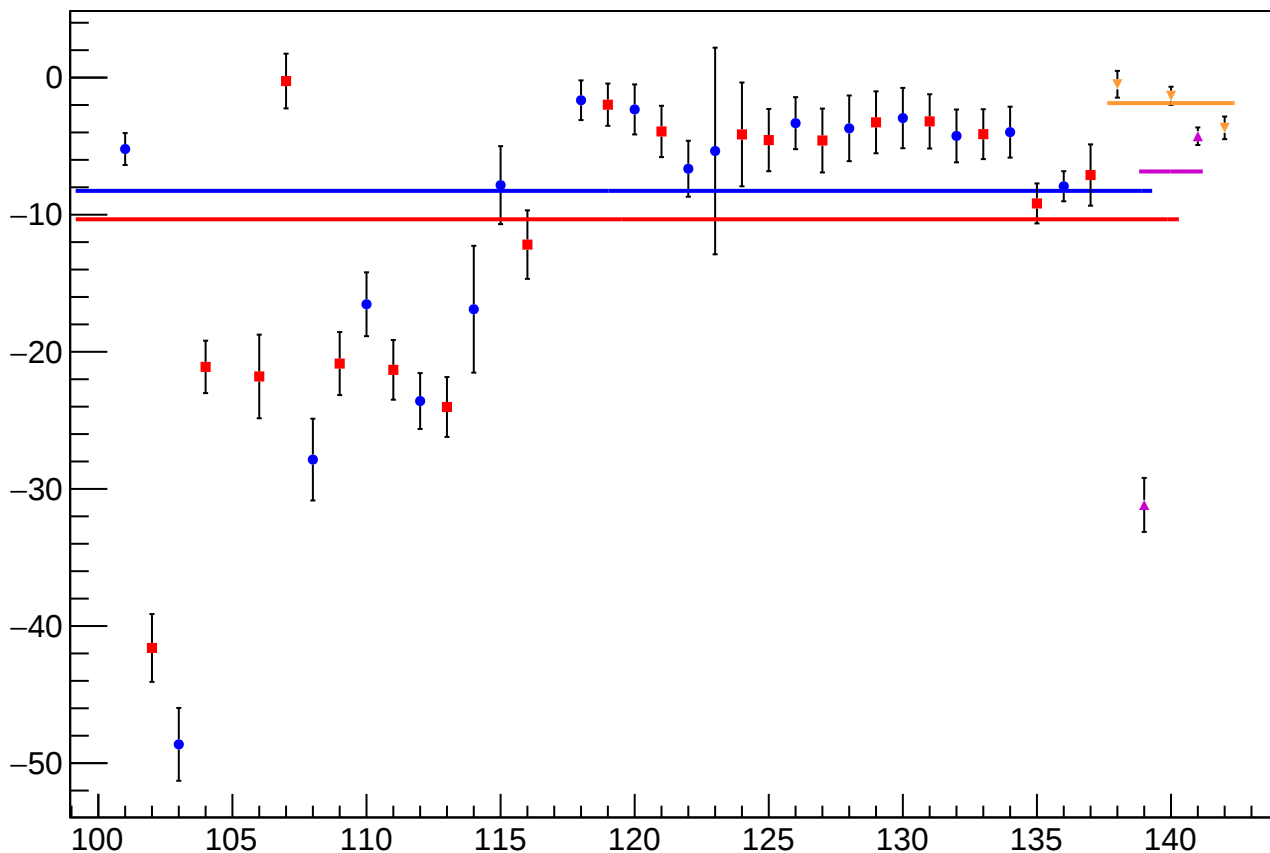
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Out: -45.954+/-0.573 χ^2/NDF : 74.1/2

All: -41.053+/-0.442 χ^2/NDF : 319.7/4

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -1.861 ± 0.456 χ^2/NDF : 7.4/2

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -6.847 ± 0.609 χ^2/NDF : 168.4/1

Left: -3.653 ± 0.365 χ^2/NDF : 218.8/4

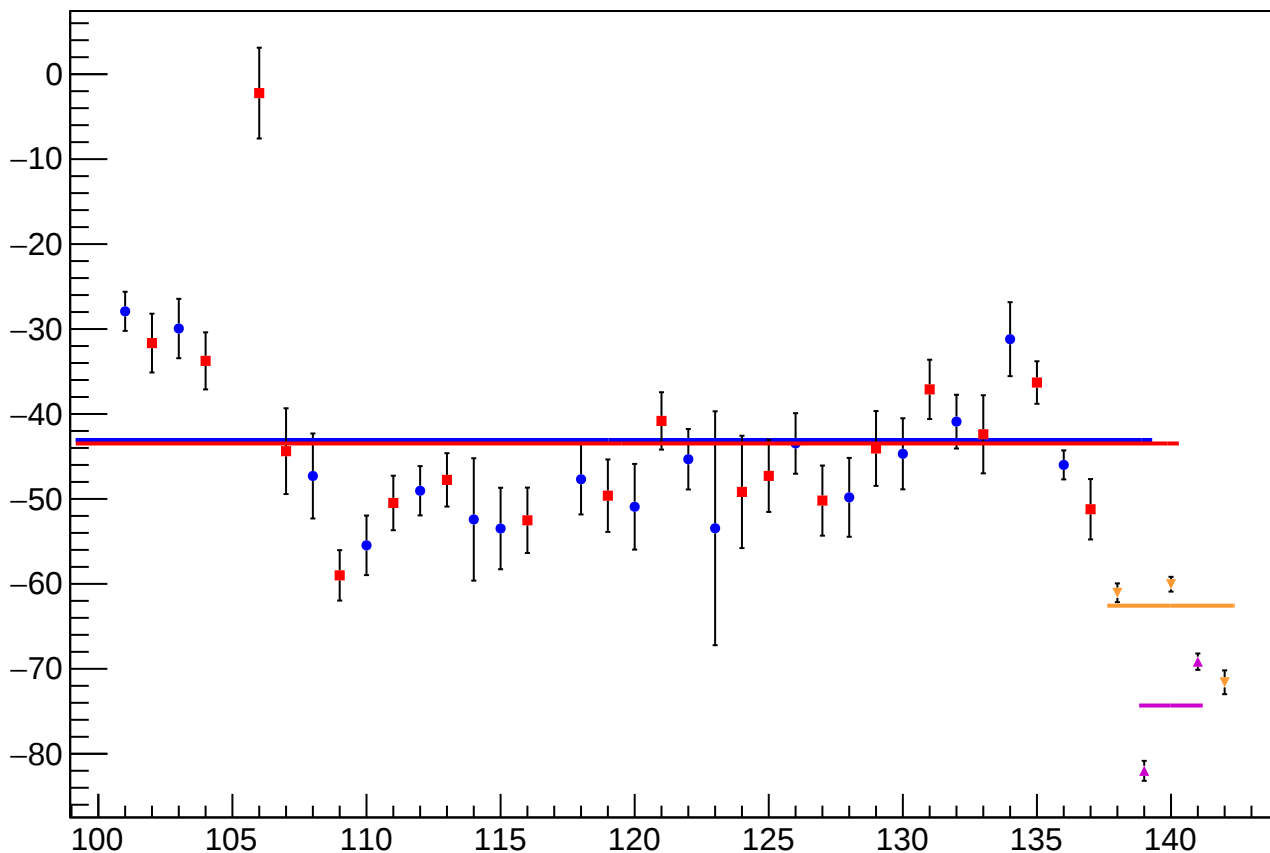
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -5.786 ± 0.334 χ^2/NDF : 578.1/20

All: -6.670 ± 0.248 χ^2/NDF : 1177.3/39

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -62.568 ± 0.614 $\chi^2/\text{NDF}: 51.8/2$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -74.317 ± 0.744 $\chi^2/\text{NDF}: 71.8/1$

Left: -67.330 ± 0.473 $\chi^2/\text{NDF}: 271.9/4$

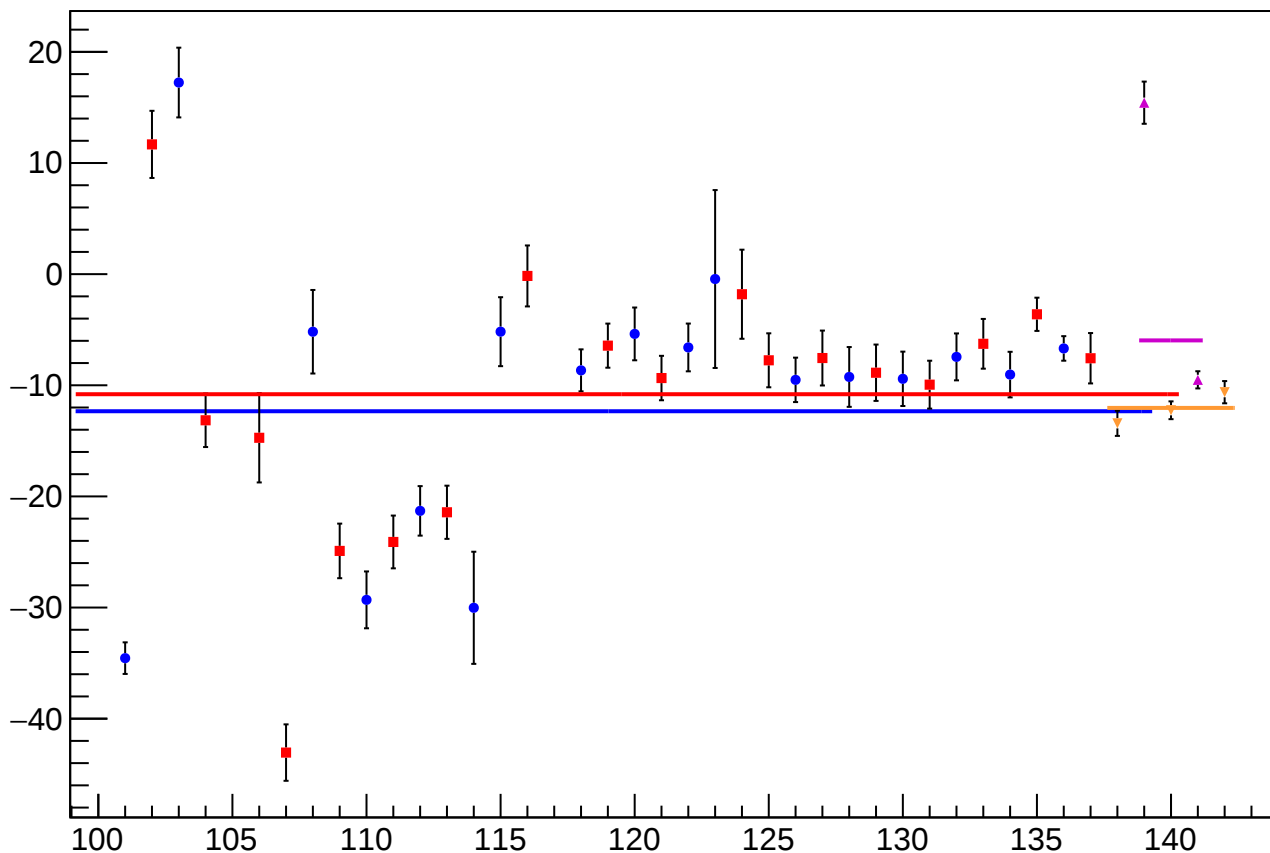
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -60.498 ± 0.555 $\chi^2/\text{NDF}: 951.7/18$

Out: -56.207 ± 0.501 $\chi^2/\text{NDF}: 516.3/20$

All: -58.134 ± 0.372 $\chi^2/\text{NDF}: 1500.9/39$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -12.037 ± 0.547 χ^2/NDF : 3.6/2

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -5.961 ± 0.716 χ^2/NDF : 148.1/1

Left: -9.796 ± 0.435 χ^2/NDF : 197.1/4

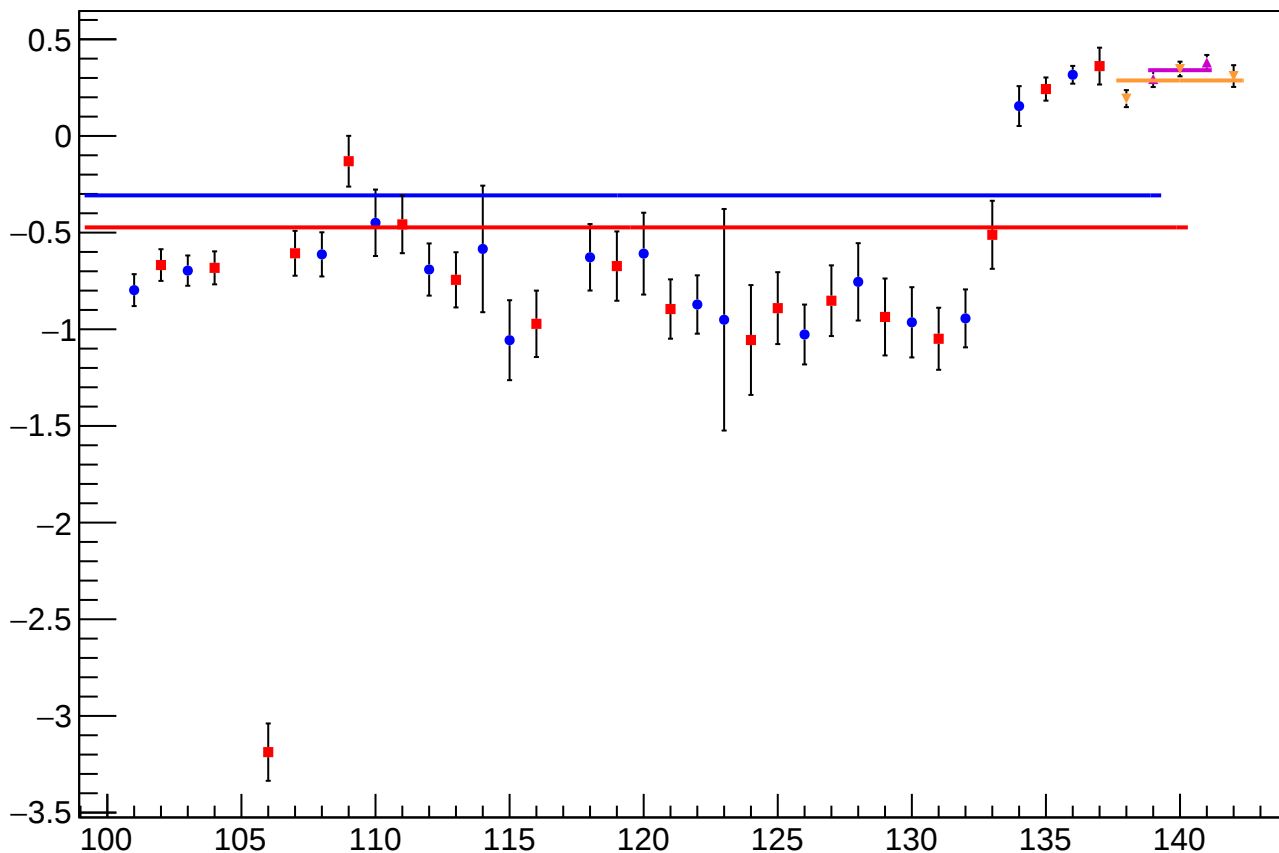
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -10.133 ± 0.421 χ^2/NDF : 675.1/18

Out: -11.428 ± 0.389 χ^2/NDF : 367.5/20

All: -10.831 ± 0.286 χ^2/NDF : 1047.6/39

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.287 ± 0.026 χ^2/NDF : 7.2/2

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.340 ± 0.028 χ^2/NDF : 2.3/1

Left: 0.311 ± 0.019 χ^2/NDF : 11.4/4

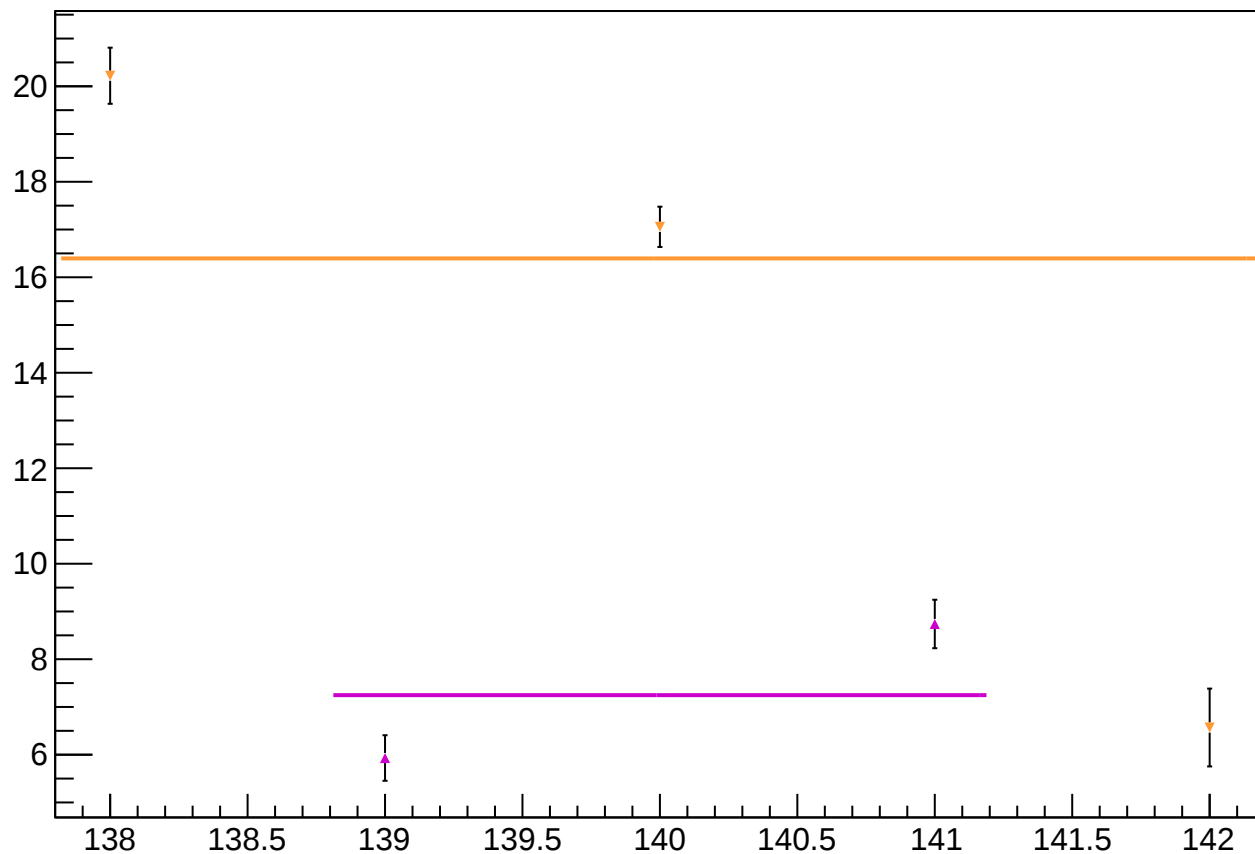
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: -0.051 ± 0.019 χ^2/NDF : 1025.5/20

All: -0.023 ± 0.014 χ^2/NDF : 1672.4/39

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.395+/-0.316 χ^2/NDF :190.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.247+/-0.348 χ^2/NDF :16.2/1

Left: 12.256+/-0.234 χ^2/NDF : 585.5/4

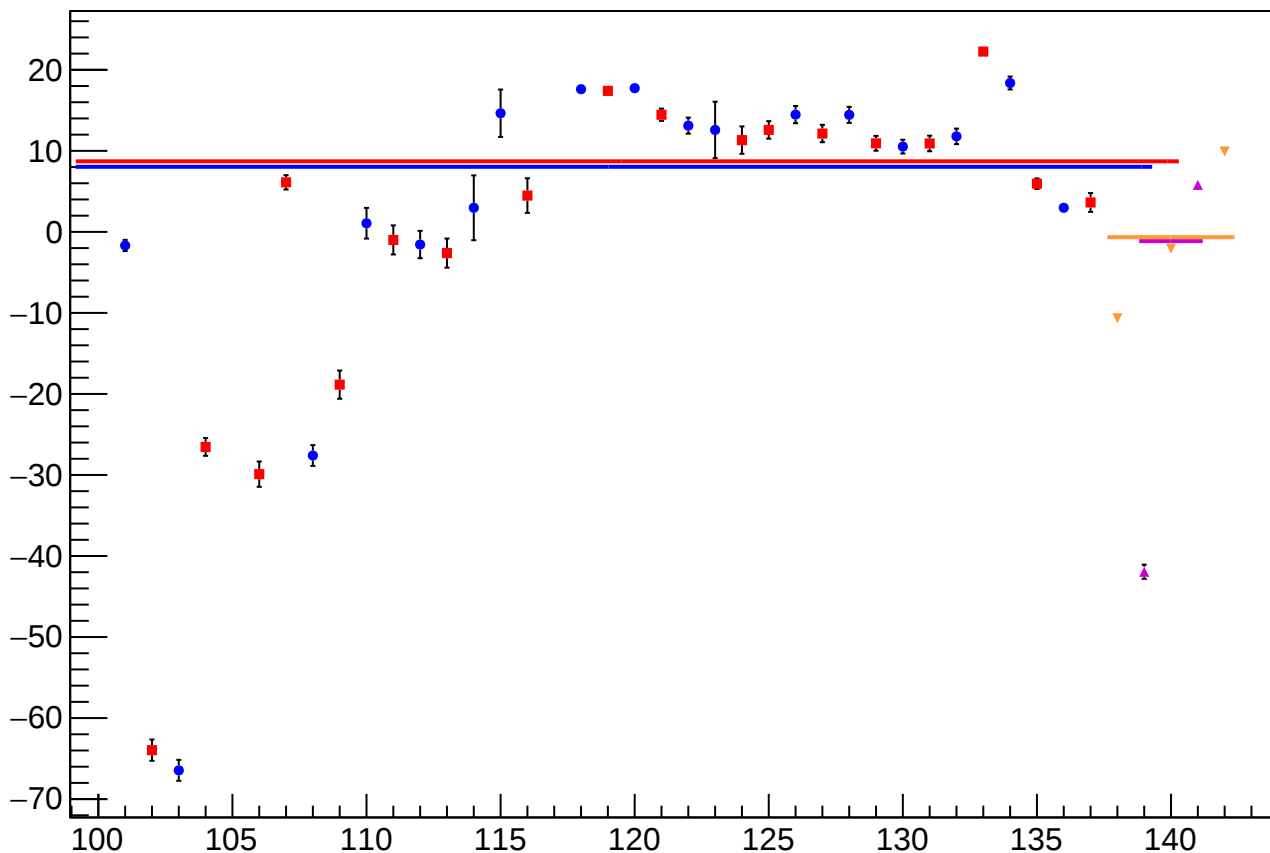
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.247+/-0.348 χ^2/NDF :16.2/1

Out: 16.395+/-0.316 χ^2/NDF :190.1/2

All: 12.256+/-0.234 χ^2/NDF : 585.5/4

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: -0.649+/-0.260 χ^2/NDF : 717.4/2

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: -1.136+/-0.335 χ^2/NDF : 2518.6/1

Left: -0.832+/-0.206 χ^2/NDF : 3237.3/4

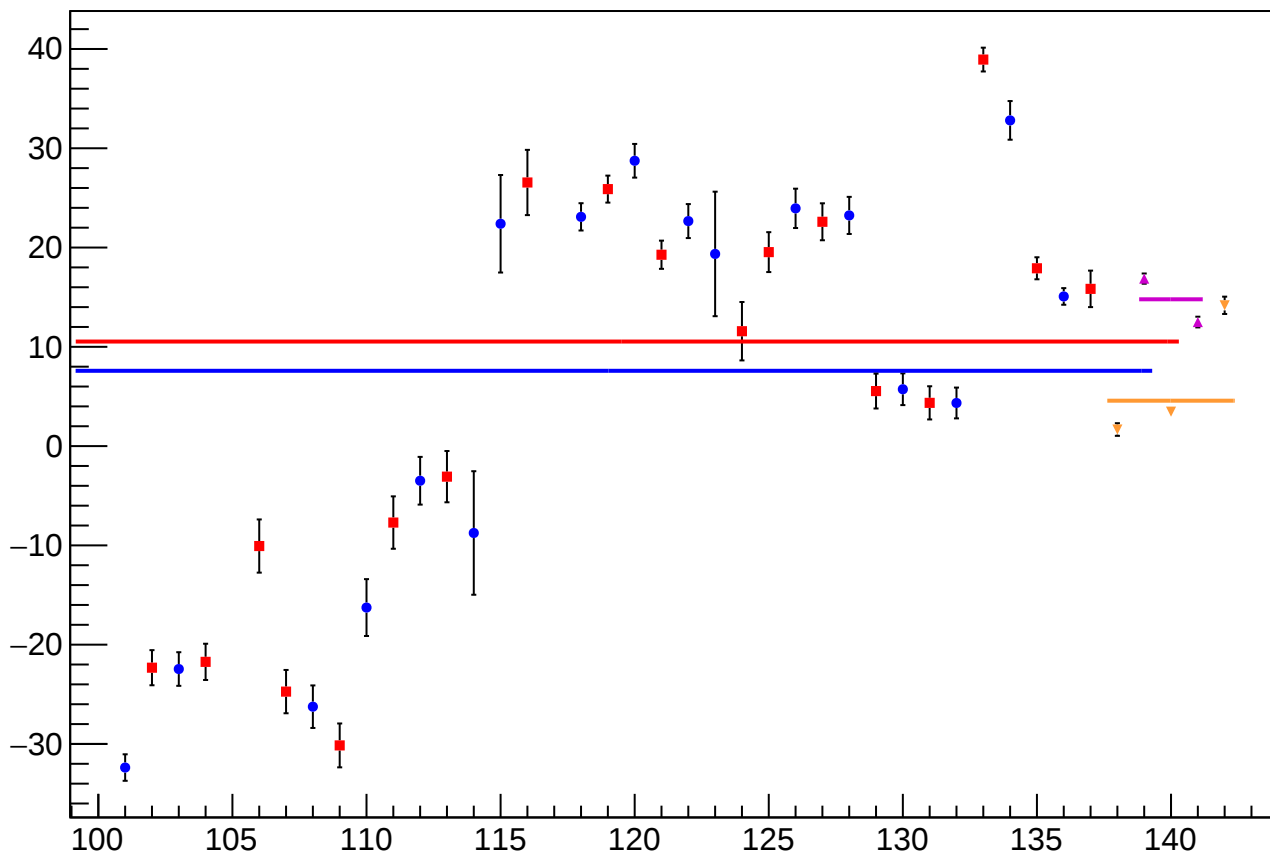
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 5.357+/-0.181 χ^2/NDF : 8418.5/18

Out: 4.953+/-0.165 χ^2/NDF : 7780.9/20

All: 5.136+/-0.122 χ^2/NDF : 16202.1/39

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 4.574 ± 0.339 $\chi^2/\text{NDF}: 148.0/2$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 14.787 ± 0.372 $\chi^2/\text{NDF}: 34.4/1$

Left: 9.196 ± 0.251 $\chi^2/\text{NDF}: 594.1/4$

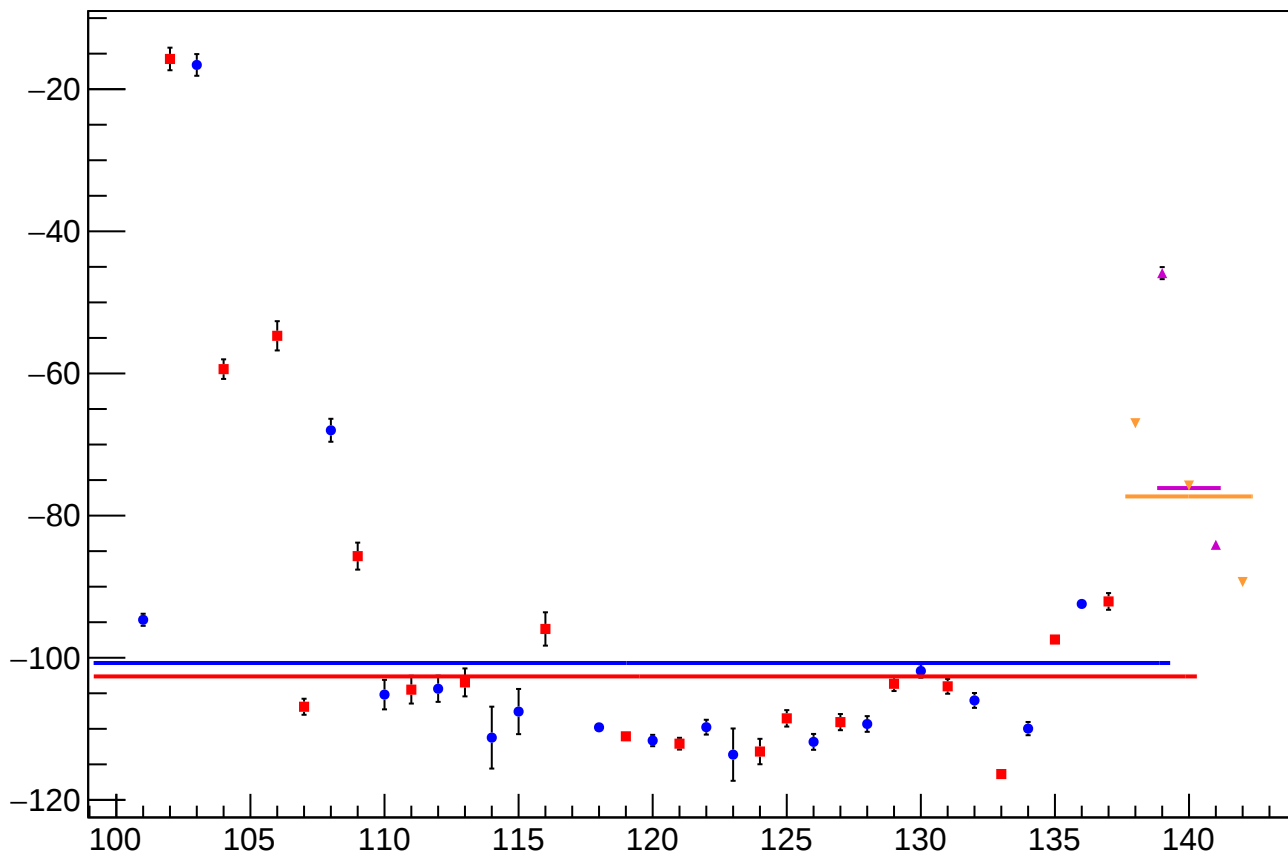
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 11.585 ± 0.278 $\chi^2/\text{NDF}: 2523.4/18$

Out: 6.938 ± 0.263 $\chi^2/\text{NDF}: 2550.3/20$

All: 9.137 ± 0.191 $\chi^2/\text{NDF}: 5221.3/39$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -77.302+/-0.311 χ^2/NDF : 613.8/2

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -76.121+/-0.388 χ^2/NDF : 1605.5/1

Left: -76.840+/-0.243 χ^2/NDF : 2225.0/4

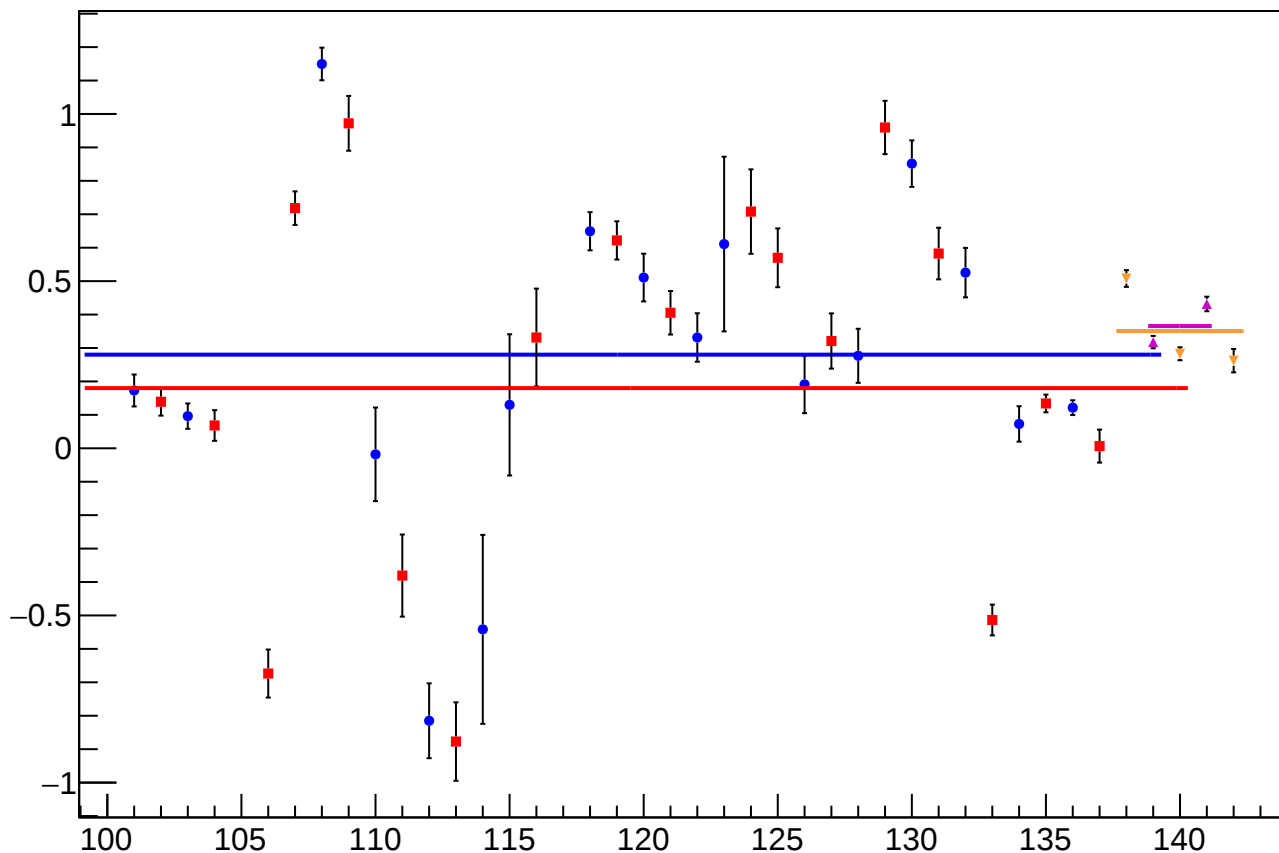
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -93.579+/-0.209 χ^2/NDF : 8983.4/18

Out: -92.866+/-0.193 χ^2/NDF : 10410.6/20

All: -93.194+/-0.142 χ^2/NDF : 19400.3/39

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.351 $\pm$ 0.014 χ^2 /NDF:58.1/2

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.366 $\pm$ 0.014 χ^2 /NDF:15.9/1

Left: 0.358 $\pm$ 0.010 χ^2 /NDF: 74.6/4

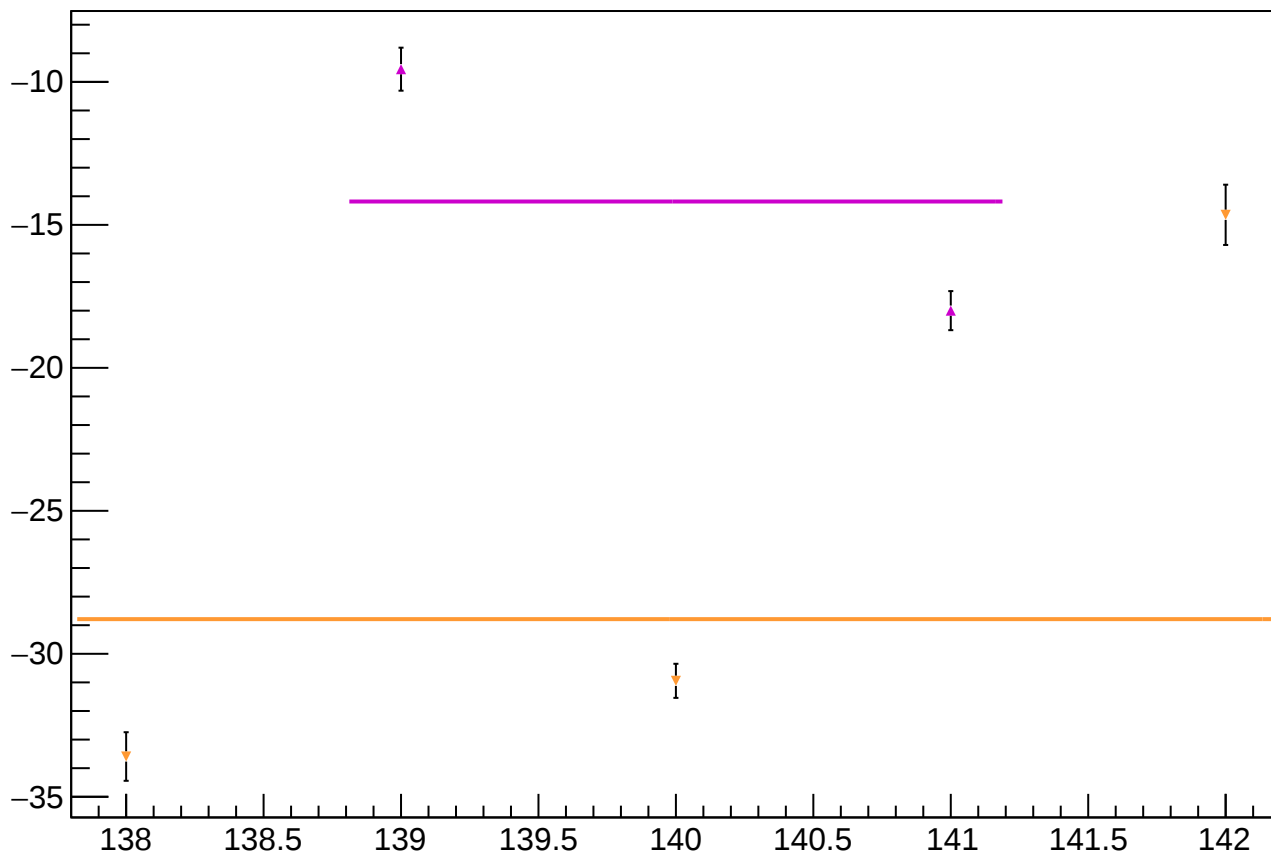
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.321 $\pm$ 0.010 χ^2 /NDF:691.5/18

Out: 0.262 $\pm$ 0.010 χ^2 /NDF:1071.8/20

All: 0.291 $\pm$ 0.007 χ^2 /NDF: 1781.8/39

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left Out: -28.788 +/- 0.443 χ^2 /NDF: 225.1/2

Right Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left In: -14.183 +/- 0.506 χ^2 /NDF: 69.1/1

Left: -22.450 +/- 0.333 χ^2 /NDF: 766.4/4

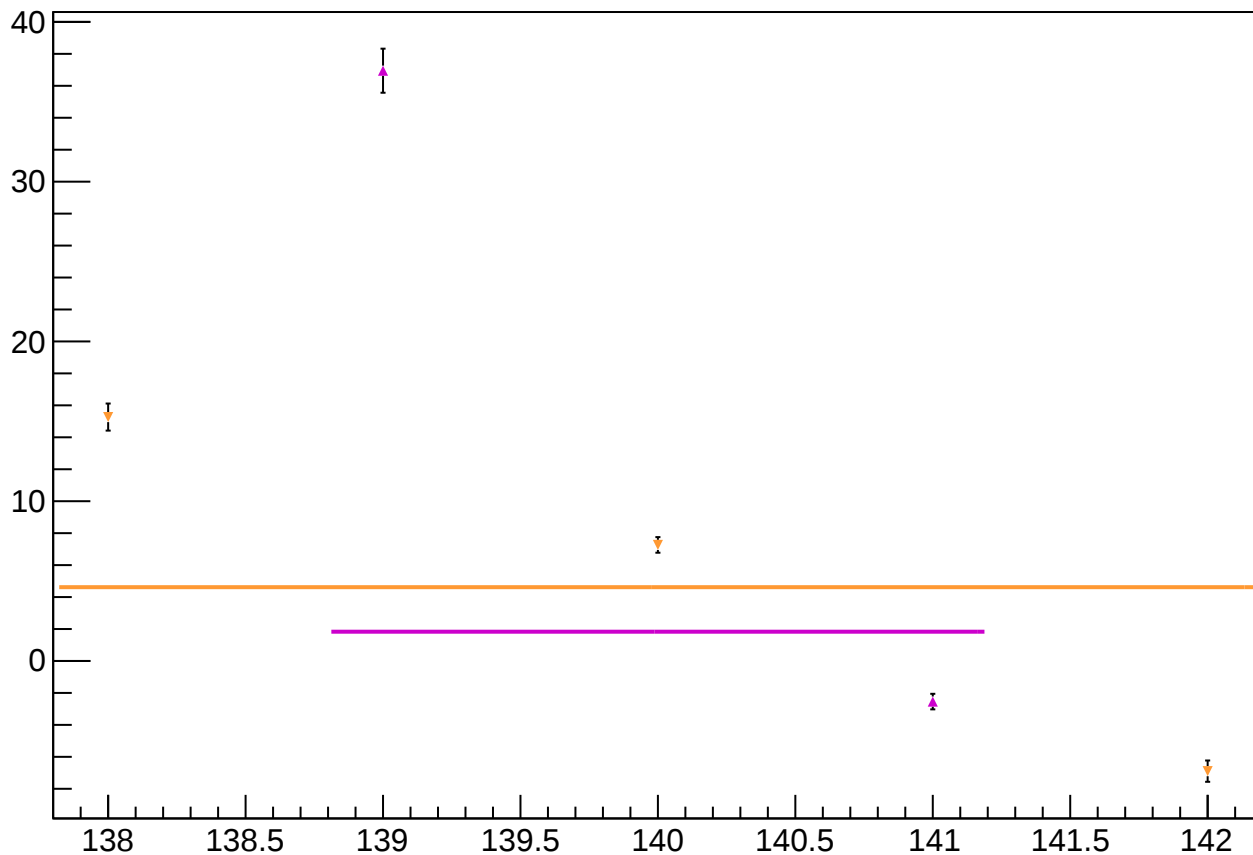
Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

In: -14.183 +/- 0.506 χ^2 /NDF: 69.1/1

Out: -28.788 +/- 0.443 χ^2 /NDF: 225.1/2

All: -22.450 +/- 0.333 χ^2 /NDF: 766.4/4

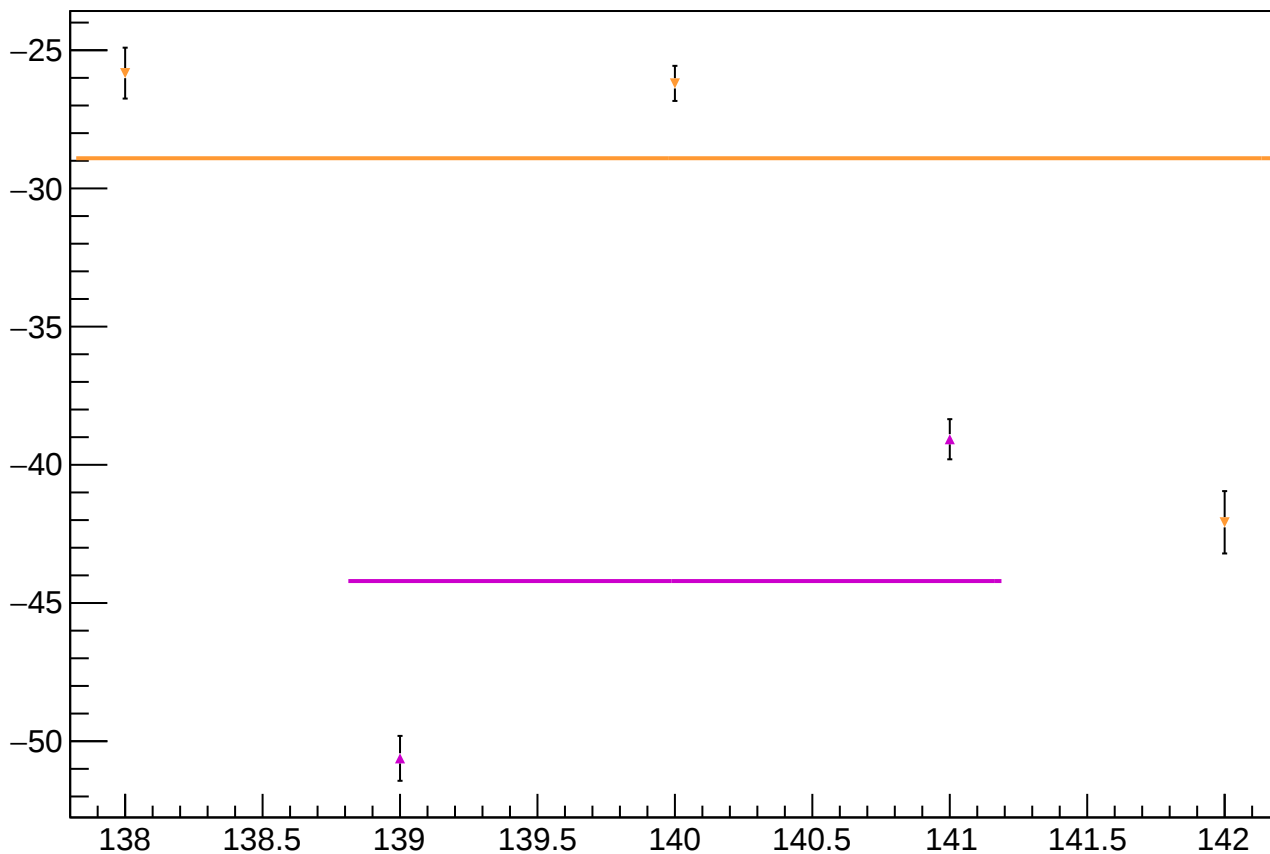
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.619+/-0.357 χ^2/NDF :485.7/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.832+/-0.459 χ^2/NDF :729.1/1

Left: 3.567+/-0.282 χ^2/NDF : 1237.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.832+/-0.459 χ^2/NDF :729.1/1
 Out: 4.619+/-0.357 χ^2/NDF :485.7/2
 All: 3.567+/-0.282 χ^2/NDF : 1237.7/4

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.908+/-0.474 χ^2/NDF :165.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.206+/-0.541 χ^2/NDF :112.3/1

Left: -35.550+/-0.357 χ^2/NDF : 729.7/4

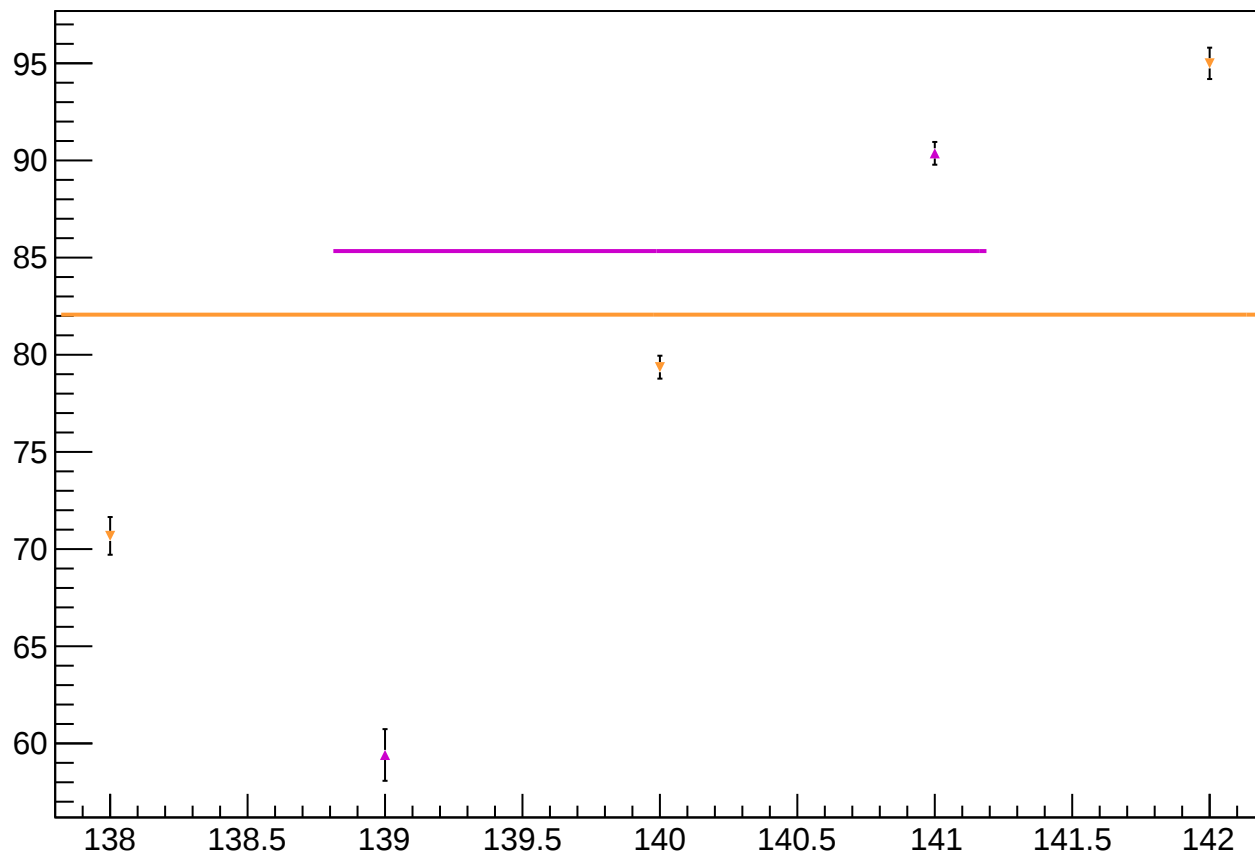
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.206+/-0.541 χ^2/NDF :112.3/1

Out: -28.908+/-0.474 χ^2/NDF :165.7/2

All: -35.550+/-0.357 χ^2/NDF : 729.7/4

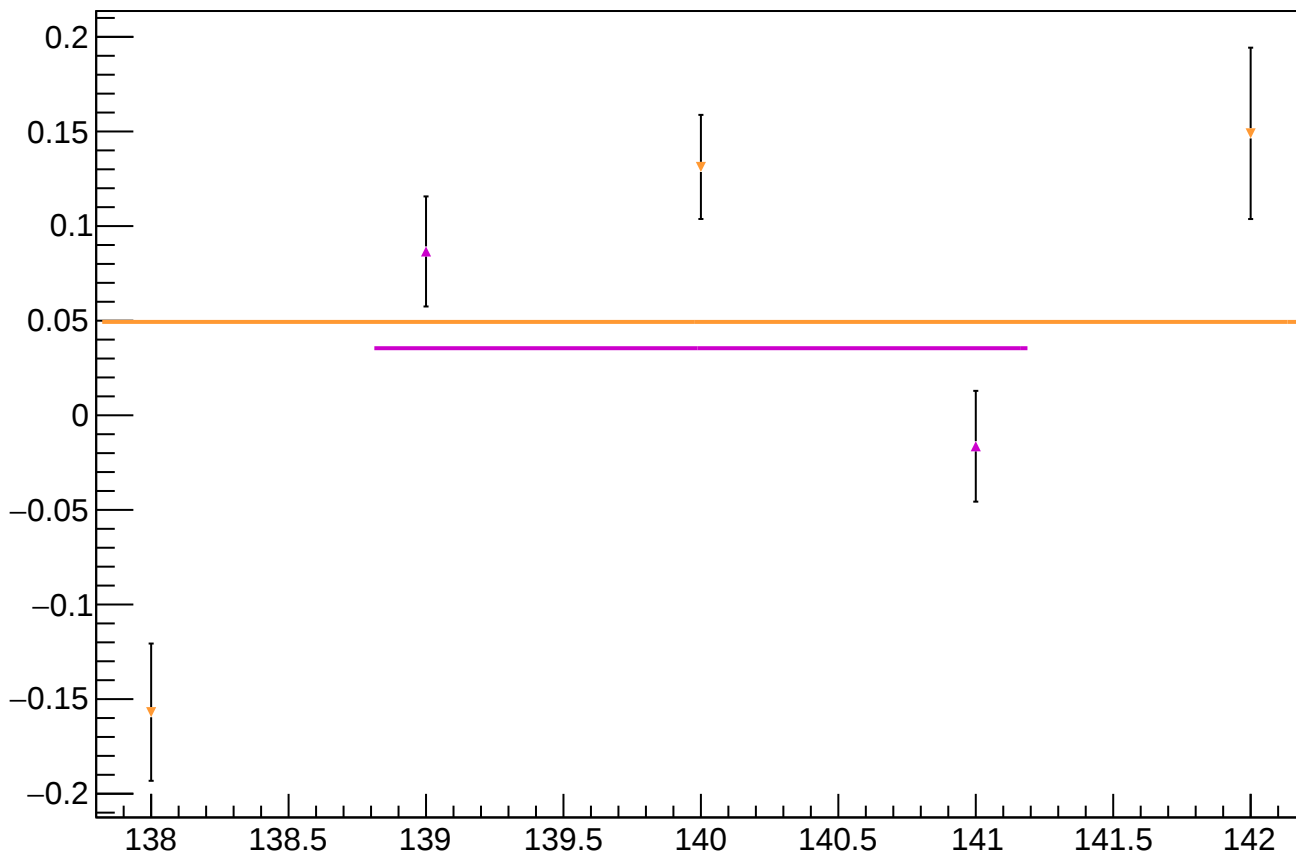
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 82.064+/-0.428 χ^2/NDF :415.2/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 85.336+/-0.536 χ^2/NDF :454.1/1

Left: 83.337+/-0.334 χ^2/NDF : 892.1/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 85.336+/-0.536 χ^2/NDF :454.1/1
 Out: 82.064+/-0.428 χ^2/NDF :415.2/2
 All: 83.337+/-0.334 χ^2/NDF : 892.1/4

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.049 $\pm$ 0.020 χ^2 /NDF:46.0/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Left: 0.043 $\pm$ 0.014 χ^2 /NDF: 52.5/4

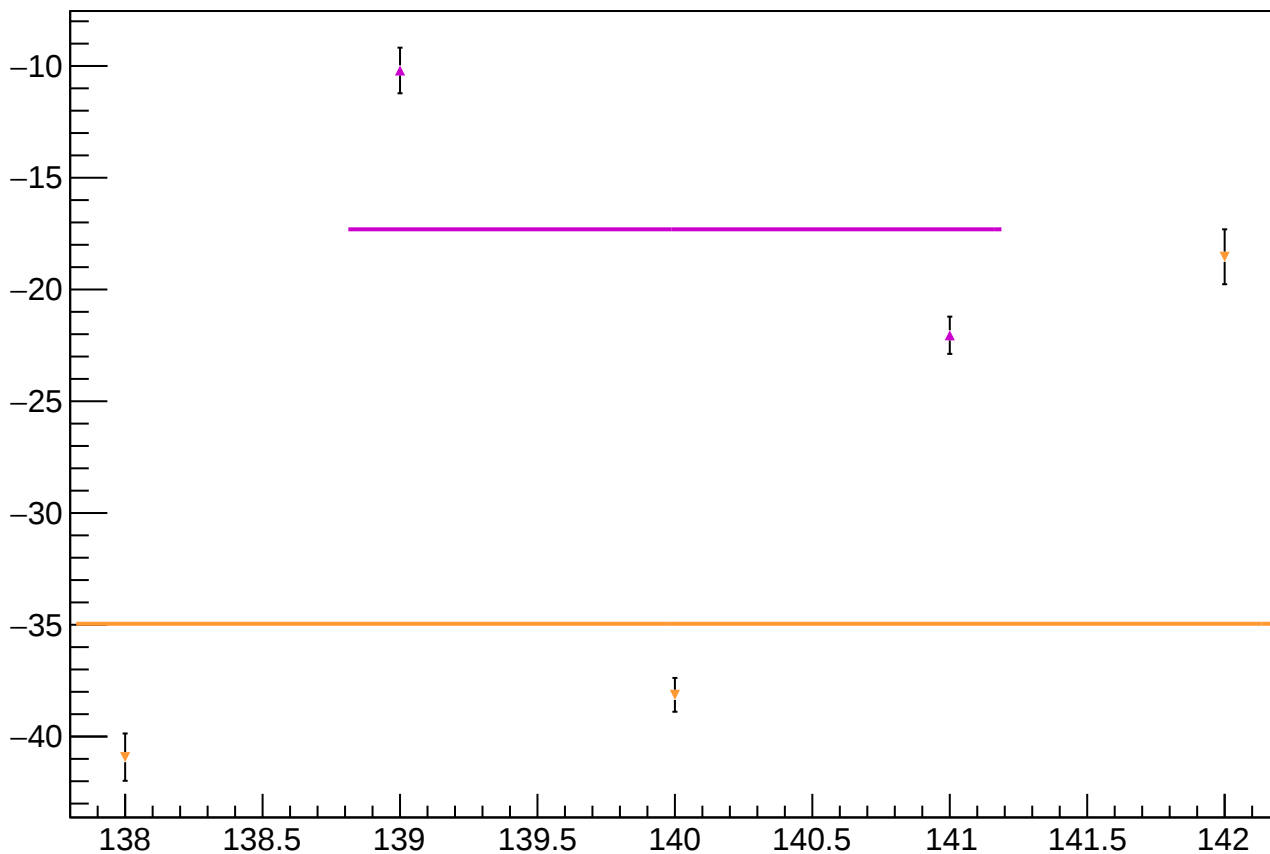
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Out: 0.049 $\pm$ 0.020 χ^2 /NDF:46.0/2

All: 0.043 $\pm$ 0.014 χ^2 /NDF: 52.5/4

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.955+/-0.550 χ^2/NDF :228.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.308+/-0.645 χ^2/NDF :80.9/1

Left: -27.522+/-0.419 χ^2/NDF : 741.8/4

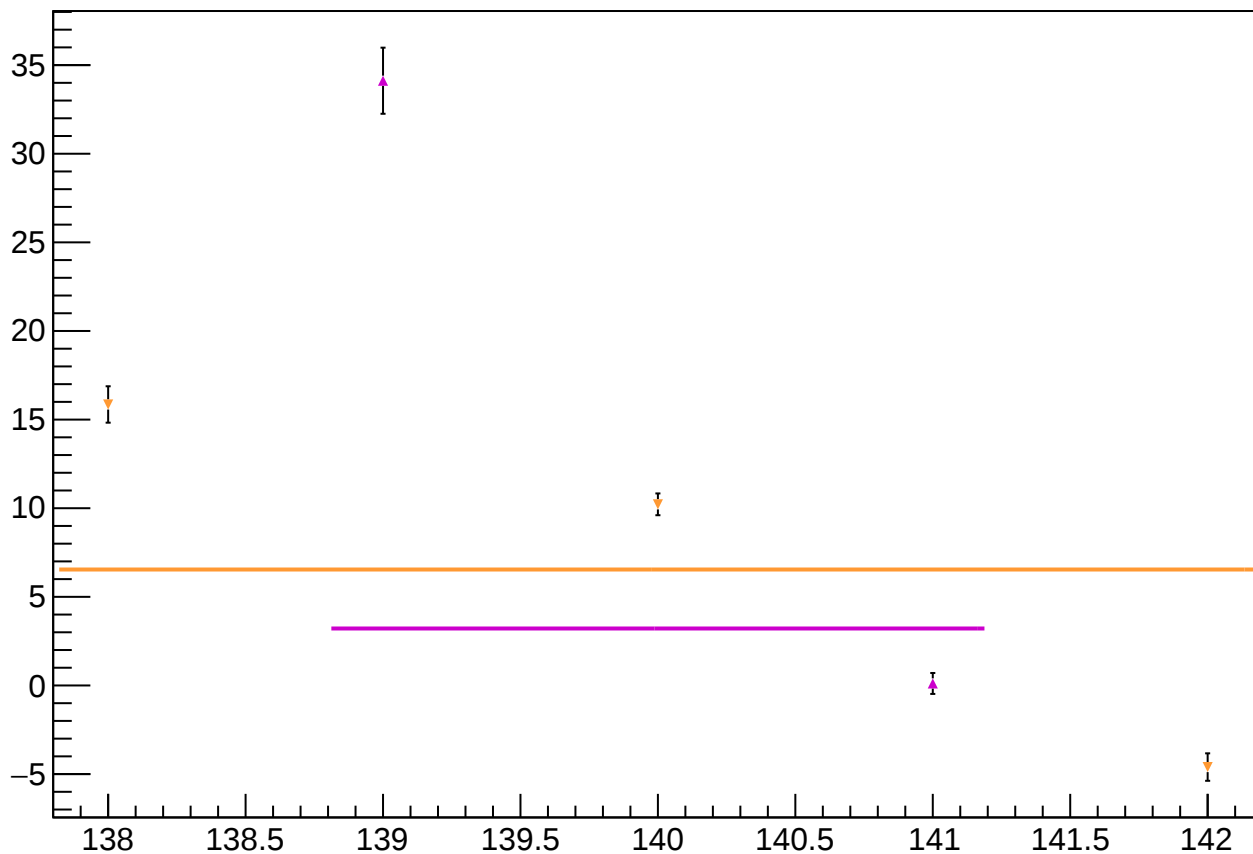
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.308+/-0.645 χ^2/NDF :80.9/1

Out: -34.955+/-0.550 χ^2/NDF :228.0/2

All: -27.522+/-0.419 χ^2/NDF : 741.8/4

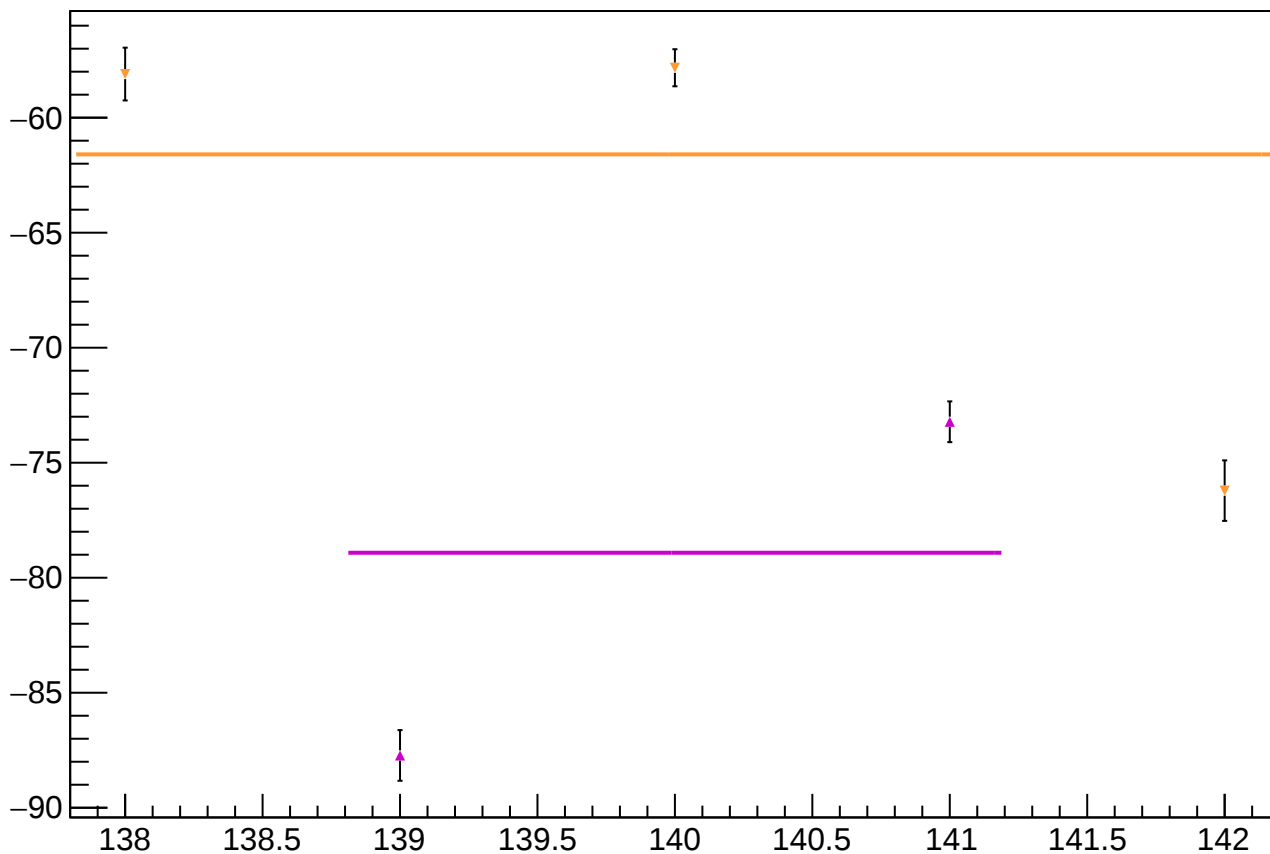
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.542+/-0.436 χ^2/NDF :324.9/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.214+/-0.563 χ^2/NDF :302.2/1

Left: 5.295+/-0.345 χ^2/NDF : 649.0/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.214+/-0.563 χ^2/NDF :302.2/1
 Out: 6.542+/-0.436 χ^2/NDF :324.9/2
 All: 5.295+/-0.345 χ^2/NDF : 649.0/4

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.595+/-0.590 χ^2/NDF :154.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.914+/-0.690 χ^2/NDF :105.3/1

Left: -68.897+/-0.448 χ^2/NDF : 623.8/4

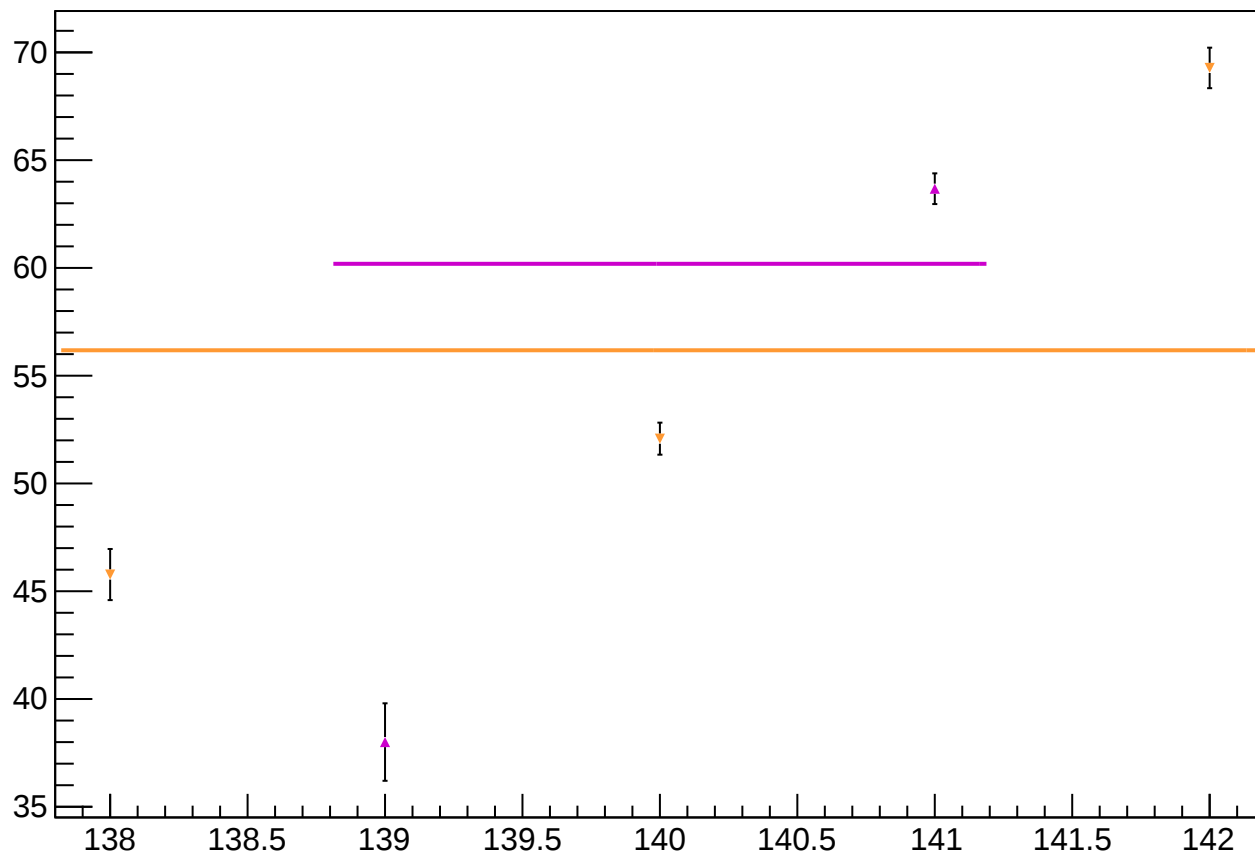
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.914+/-0.690 χ^2/NDF :105.3/1

Out: -61.595+/-0.590 χ^2/NDF :154.6/2

All: -68.897+/-0.448 χ^2/NDF : 623.8/4

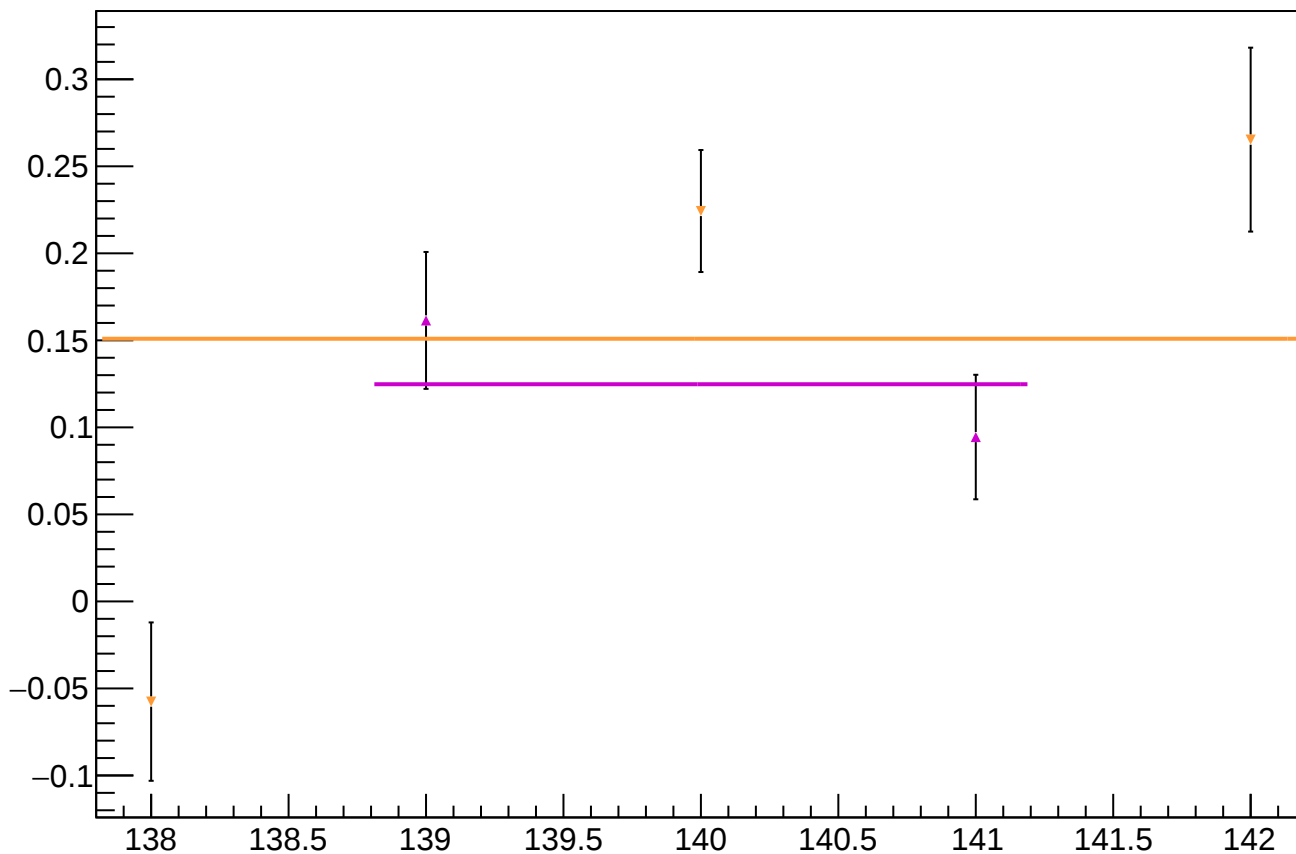
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 56.179+/-0.523 χ^2/NDF :301.7/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.191+/-0.662 χ^2/NDF :176.3/1

Left: 57.721+/-0.410 χ^2/NDF : 500.6/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.191+/-0.662 χ^2/NDF :176.3/1
 Out: 56.179+/-0.523 χ^2/NDF :301.7/2
 All: 57.721+/-0.410 χ^2/NDF : 500.6/4

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.151 $\pm$ 0.025 χ^2 /NDF:30.1/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Left: 0.139 $\pm$ 0.018 χ^2 /NDF: 32.2/4

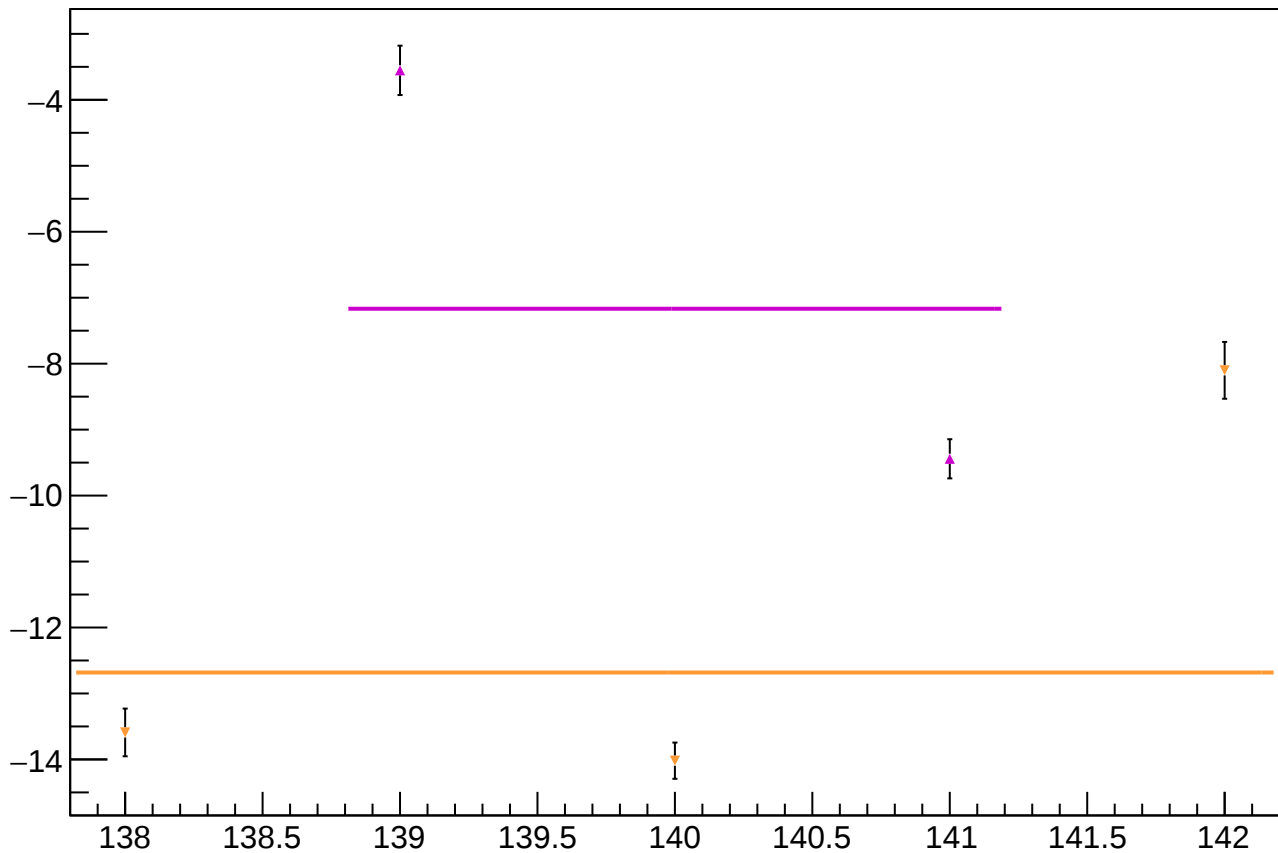
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Out: 0.151 $\pm$ 0.025 χ^2 /NDF:30.1/2

All: 0.139 $\pm$ 0.018 χ^2 /NDF: 32.2/4

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.682+/-0.195 χ^2/NDF :143.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.167+/-0.233 χ^2/NDF :152.0/1

Left: -10.406+/-0.149 χ^2/NDF : 625.3/4

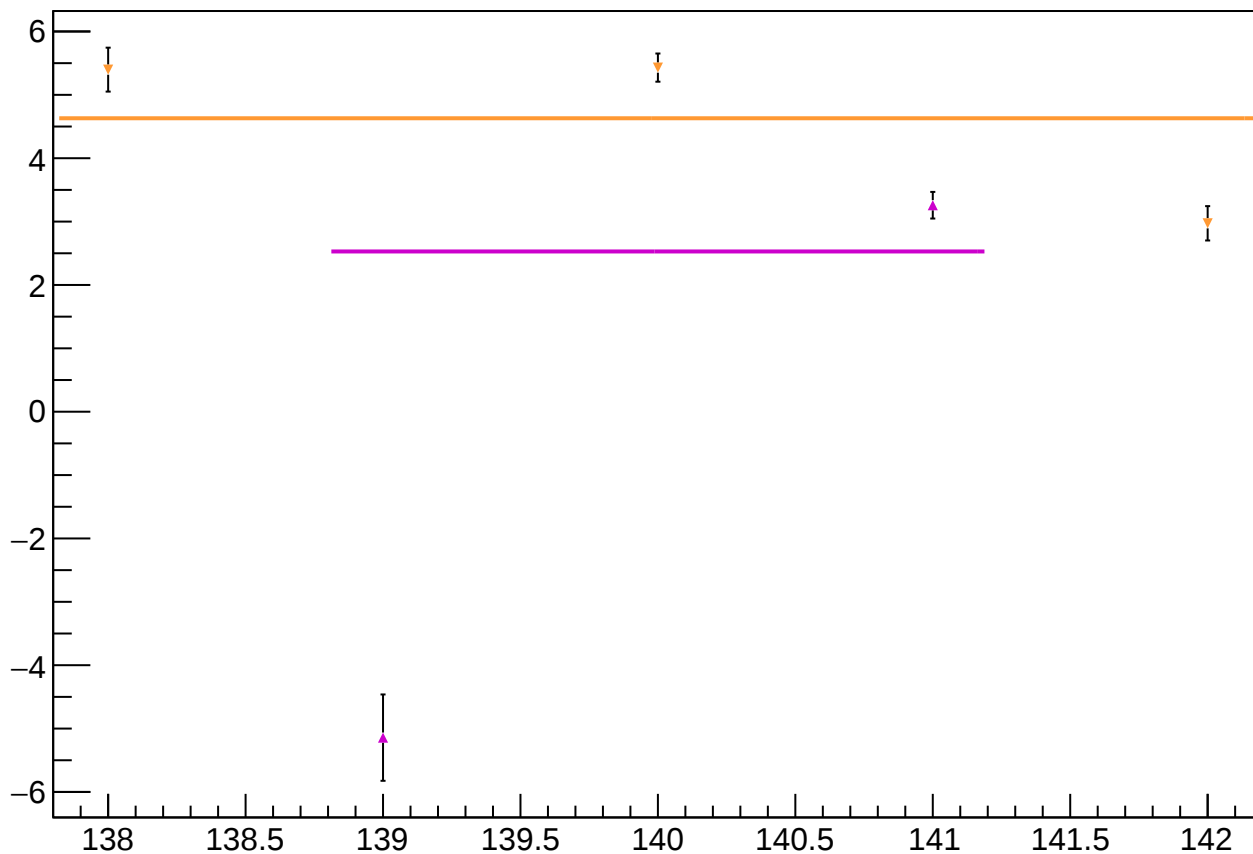
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.167+/-0.233 χ^2/NDF :152.0/1

Out: -12.682+/-0.195 χ^2/NDF :143.1/2

All: -10.406+/-0.149 χ^2/NDF : 625.3/4

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 4.630 $\pm$ 0.154 χ^2/NDF :55.2/2

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 2.529 $\pm$ 0.201 χ^2/NDF :138.9/1

Left: 3.852 $\pm$ 0.122 χ^2/NDF : 263.1/4

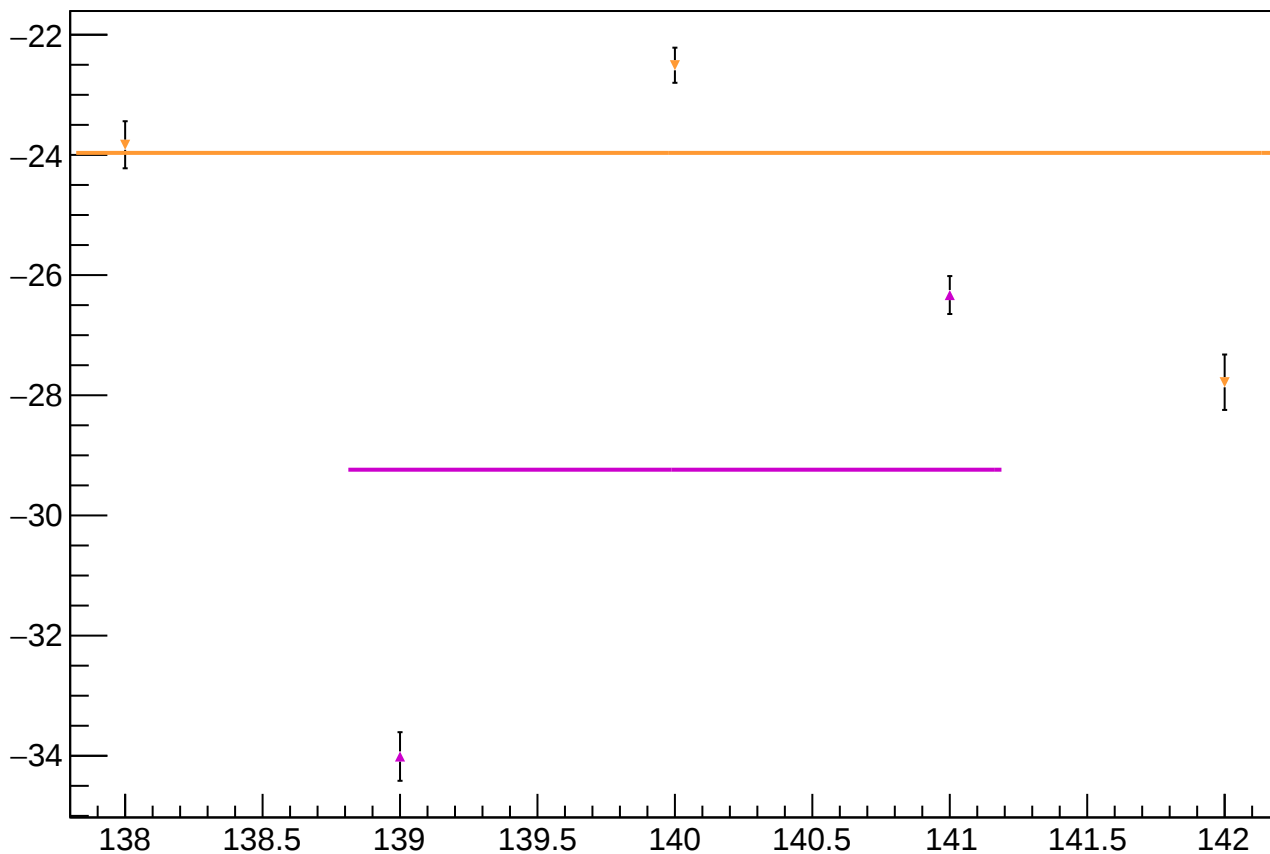
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 2.529 $\pm$ 0.201 χ^2/NDF :138.9/1

Out: 4.630 $\pm$ 0.154 χ^2/NDF :55.2/2

All: 3.852 $\pm$ 0.122 χ^2/NDF : 263.1/4

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.966+/-0.209 χ^2/NDF :93.5/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.239+/-0.249 χ^2/NDF :223.9/1

Left: -26.145+/-0.160 χ^2/NDF : 580.8/4

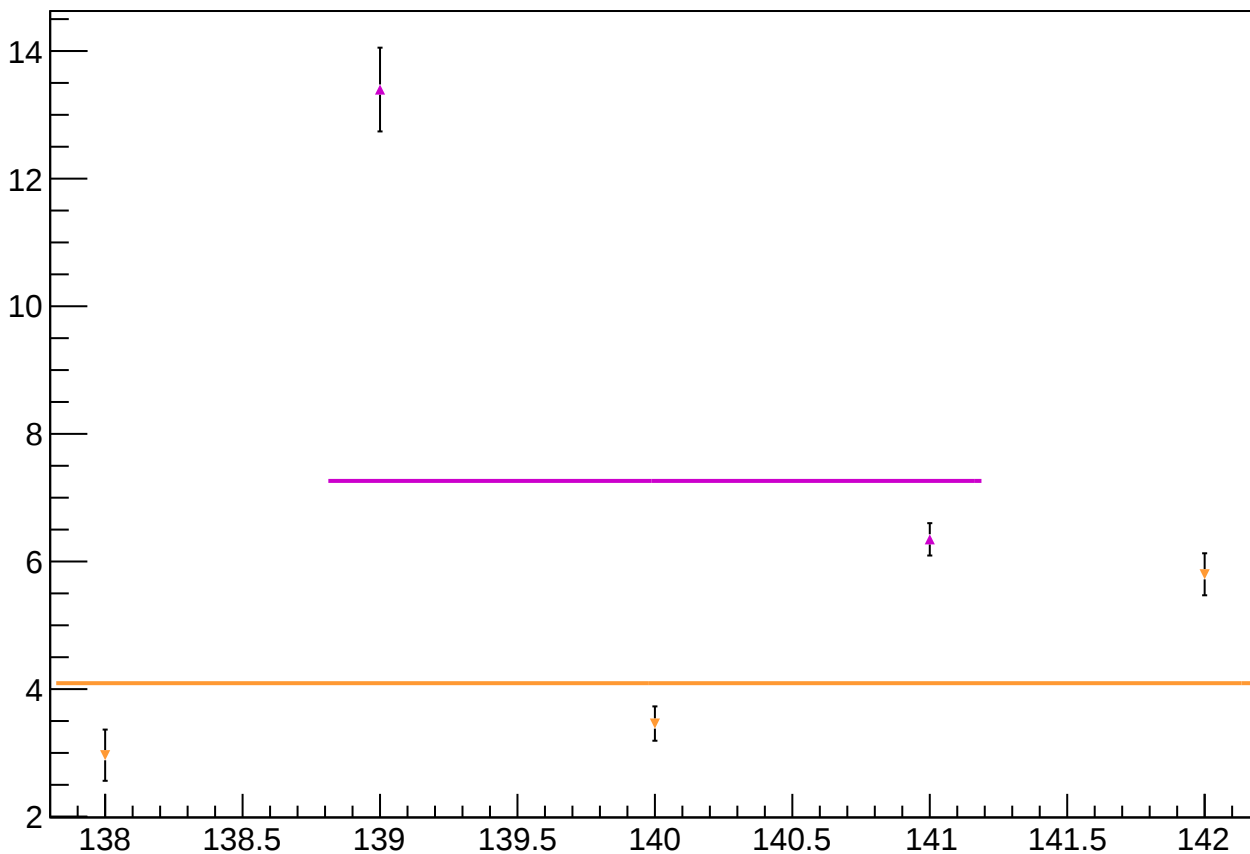
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.239+/-0.249 χ^2/NDF :223.9/1

Out: -23.966+/-0.209 χ^2/NDF :93.5/2

All: -26.145+/-0.160 χ^2/NDF : 580.8/4

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.093+/-0.185 χ^2/NDF : 40.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.263+/-0.237 χ^2/NDF : 100.3/1

Left: 5.295+/-0.146 χ^2/NDF : 252.1/4

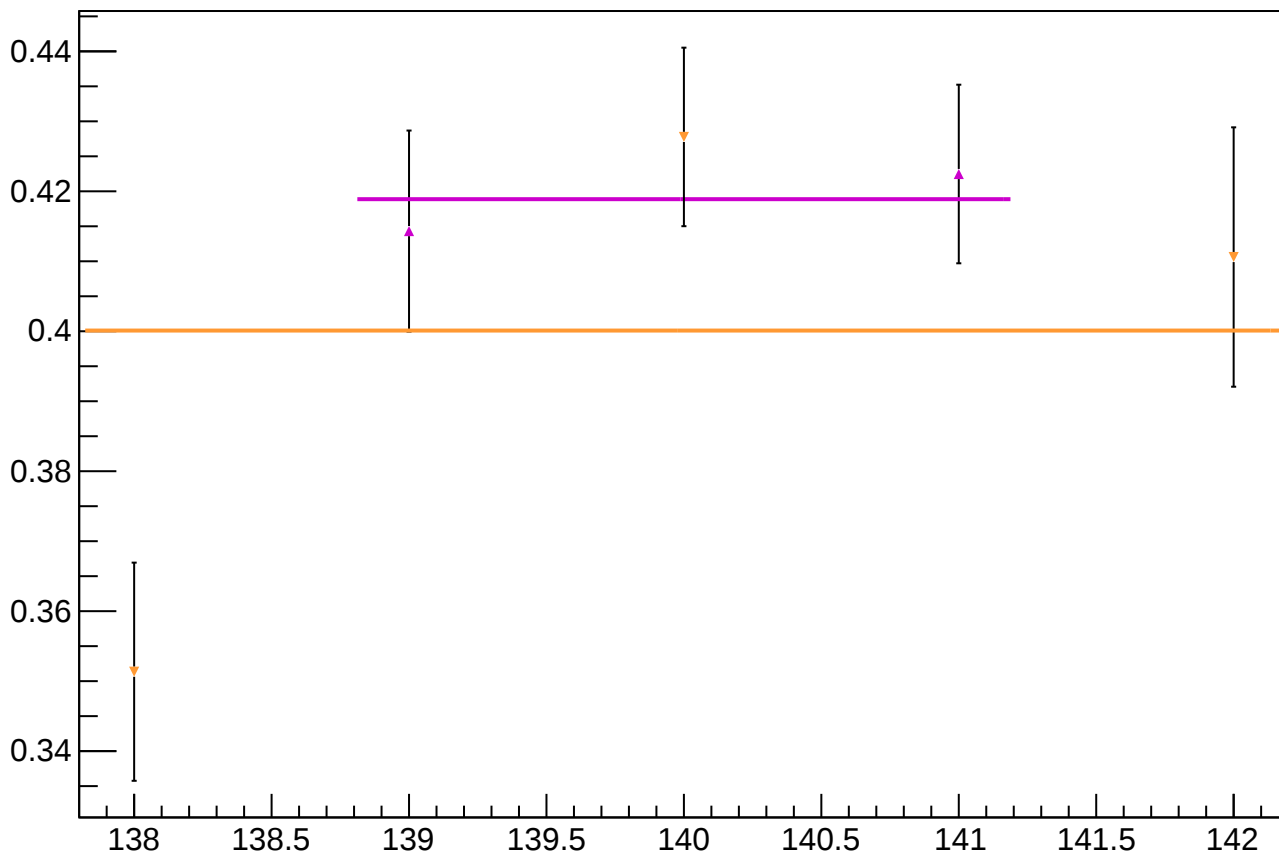
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.263+/-0.237 χ^2/NDF : 100.3/1

Out: 4.093+/-0.185 χ^2/NDF : 40.3/2

All: 5.295+/-0.146 χ^2/NDF : 252.1/4

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: 0.400 +/- 0.009 χ^2/NDF : 14.8/2

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 0.419 +/- 0.010 χ^2/NDF : 0.2/1

Left: 0.409 +/- 0.006 χ^2/NDF : 17.1/4

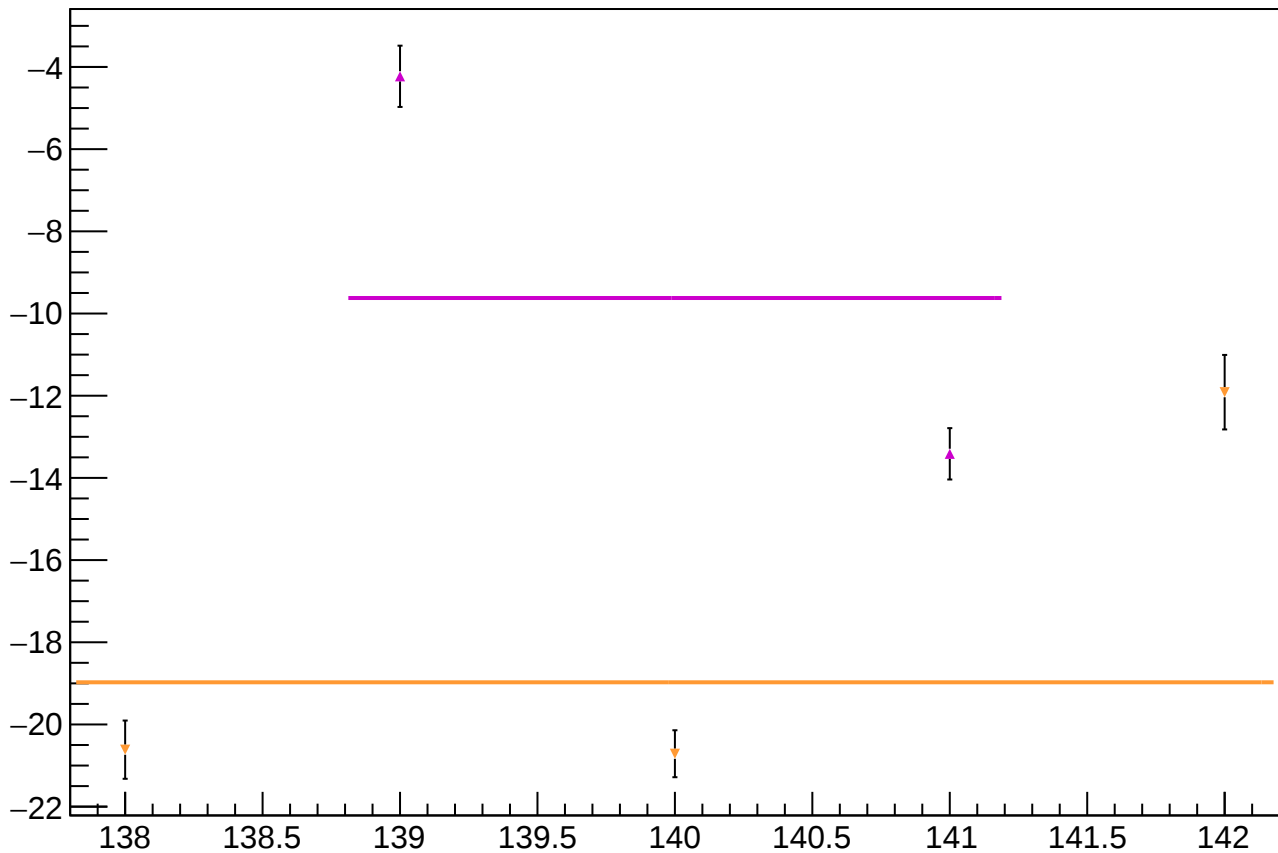
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 0.419 +/- 0.010 χ^2/NDF : 0.2/1

Out: 0.400 +/- 0.009 χ^2/NDF : 14.8/2

All: 0.409 +/- 0.006 χ^2/NDF : 17.1/4

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.974+/-0.399 χ^2/NDF : 75.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.622+/-0.479 χ^2/NDF : 89.2/1

Left: -15.139+/-0.307 χ^2/NDF : 389.3/4

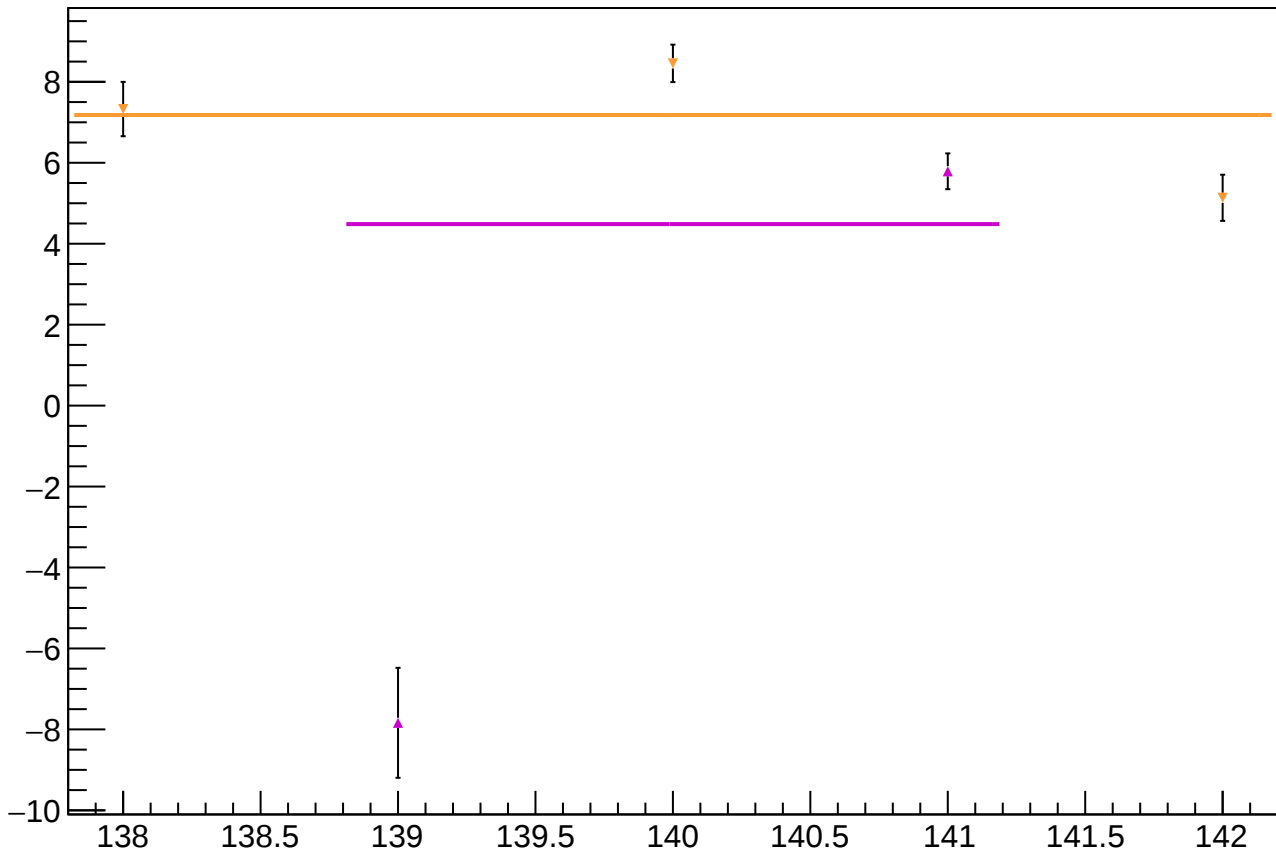
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.622+/-0.479 χ^2/NDF : 89.2/1

Out: -18.974+/-0.399 χ^2/NDF : 75.2/2

All: -15.139+/-0.307 χ^2/NDF : 389.3/4

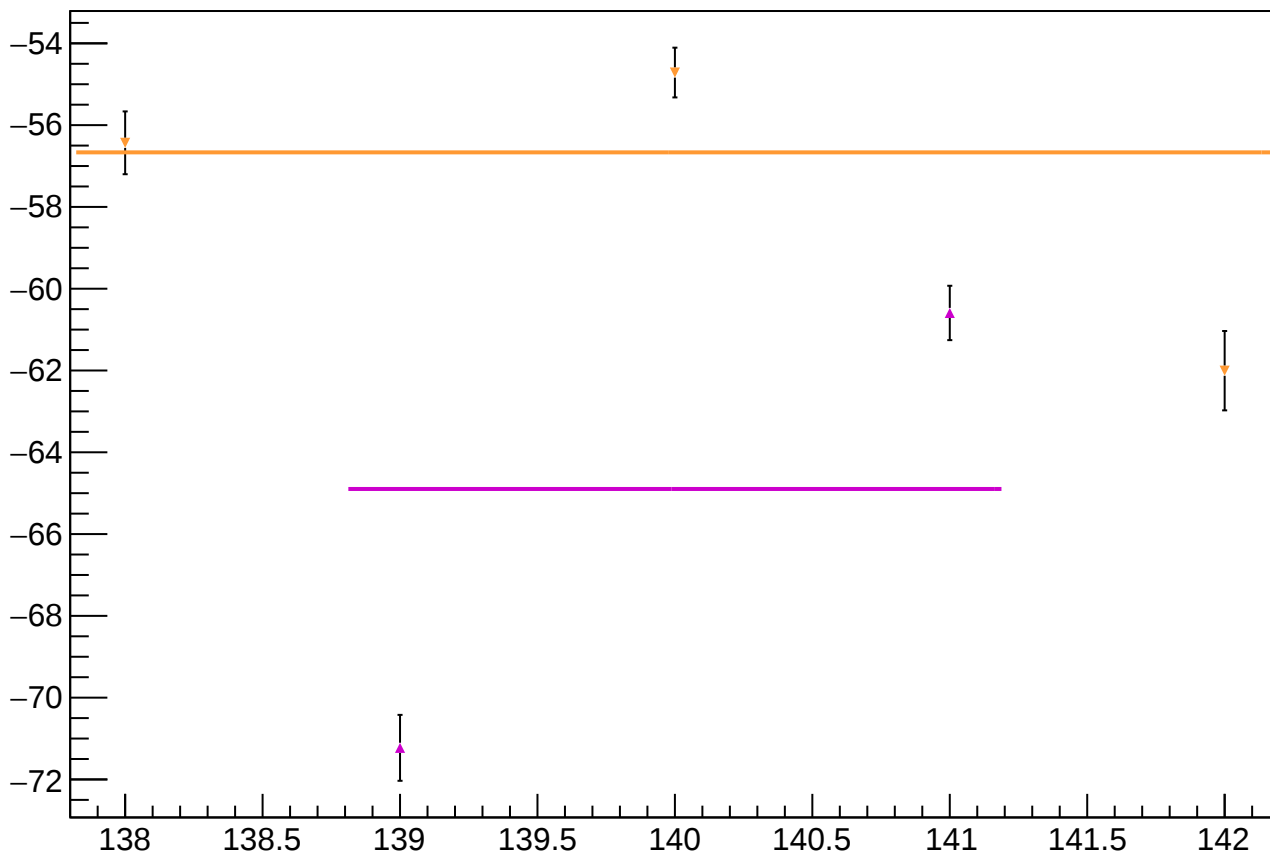
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.180+/-0.317 χ^2/NDF :20.5/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.485+/-0.420 χ^2/NDF :91.0/1

Left: 6.204+/-0.253 χ^2/NDF : 137.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.485+/-0.420 χ^2/NDF :91.0/1
 Out: 7.180+/-0.317 χ^2/NDF :20.5/2
 All: 6.204+/-0.253 χ^2/NDF : 137.7/4

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.666+/-0.428 χ^2/NDF :40.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.897+/-0.513 χ^2/NDF :103.6/1

Left: -60.045+/-0.329 χ^2/NDF : 296.2/4

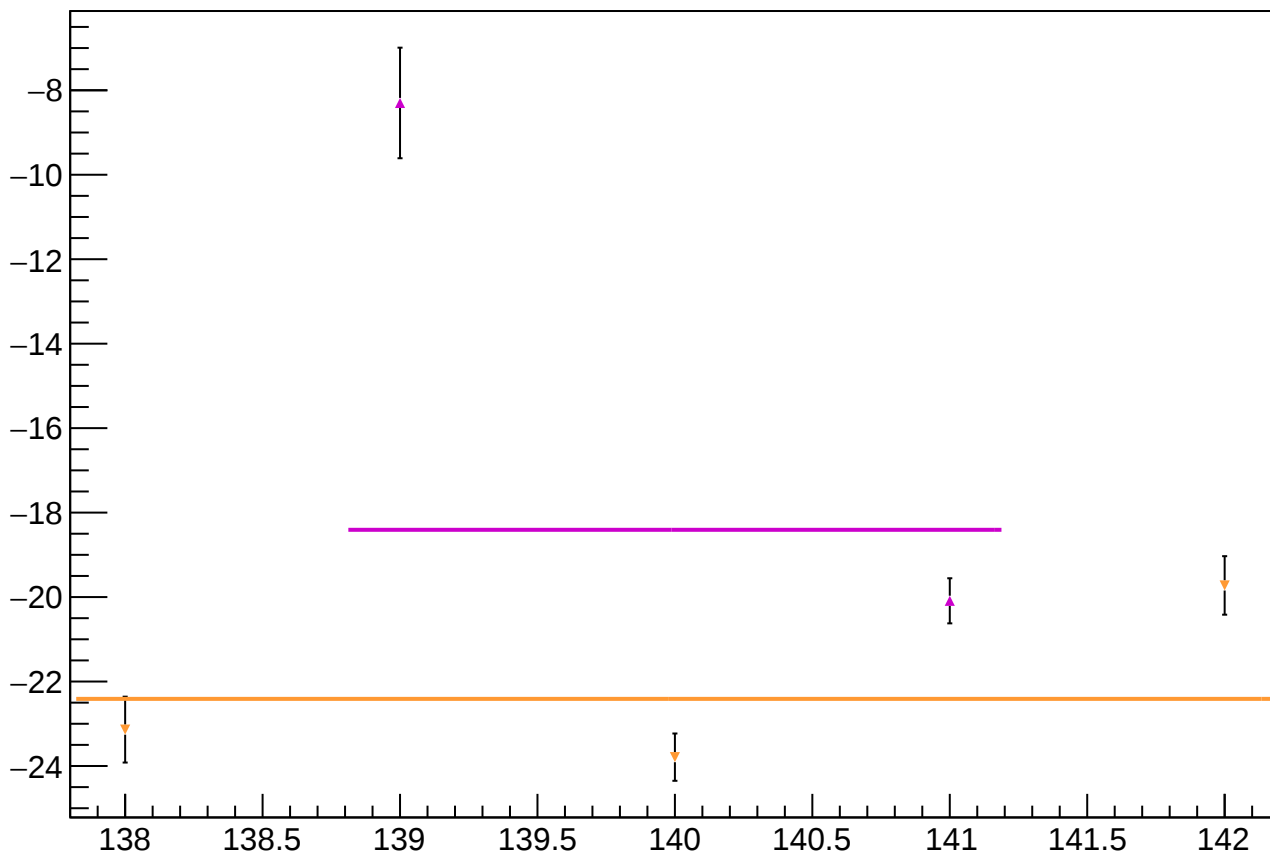
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.897+/-0.513 χ^2/NDF :103.6/1

Out: -56.666+/-0.428 χ^2/NDF :40.7/2

All: -60.045+/-0.329 χ^2/NDF : 296.2/4

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.411+/-0.380 χ^2/NDF :22.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.407+/-0.494 χ^2/NDF :69.5/1

Left: -20.923+/-0.301 χ^2/NDF : 132.7/4

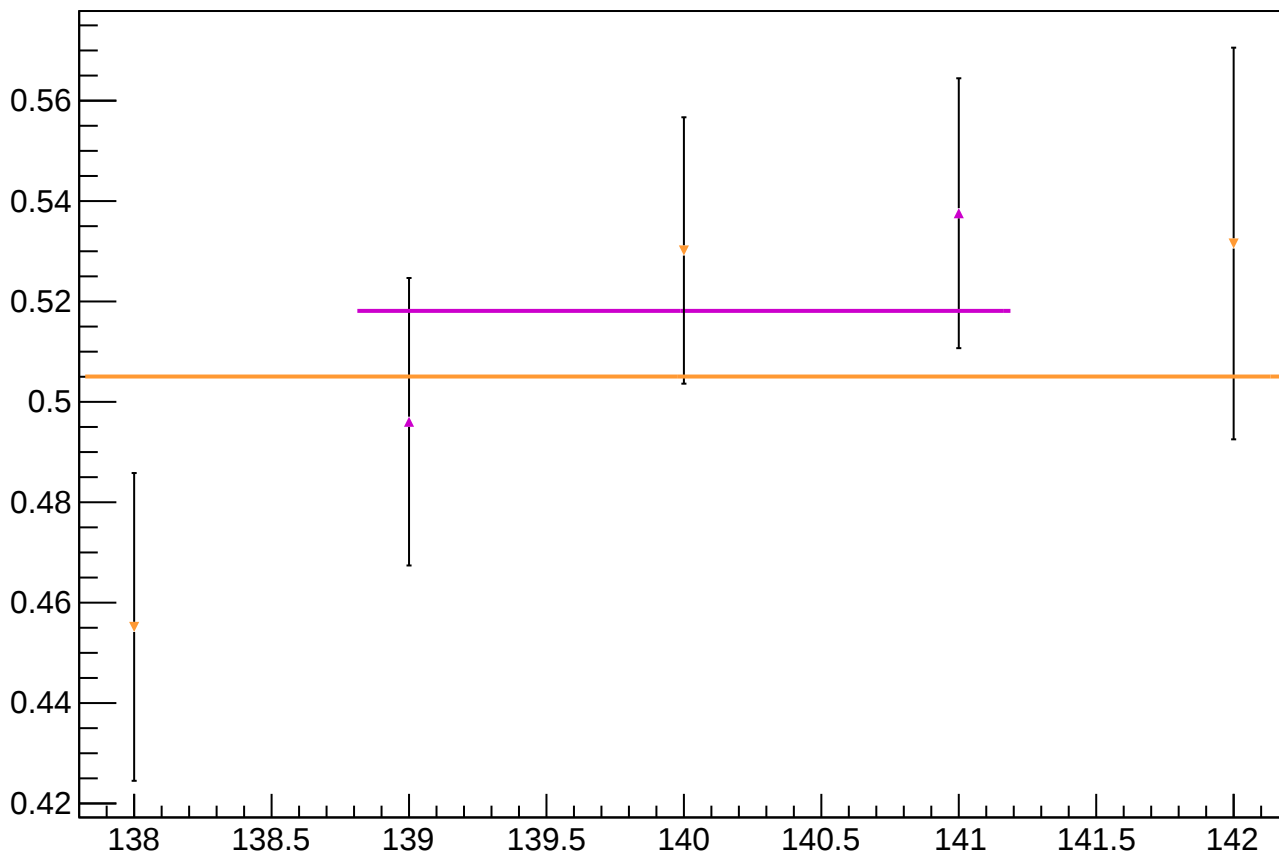
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.407+/-0.494 χ^2/NDF :69.5/1

Out: -22.411+/-0.380 χ^2/NDF :22.0/2

All: -20.923+/-0.301 χ^2/NDF : 132.7/4

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.505+/-0.018 χ^2/NDF : 4.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Left: 0.511+/-0.013 χ^2/NDF : 5.4/4

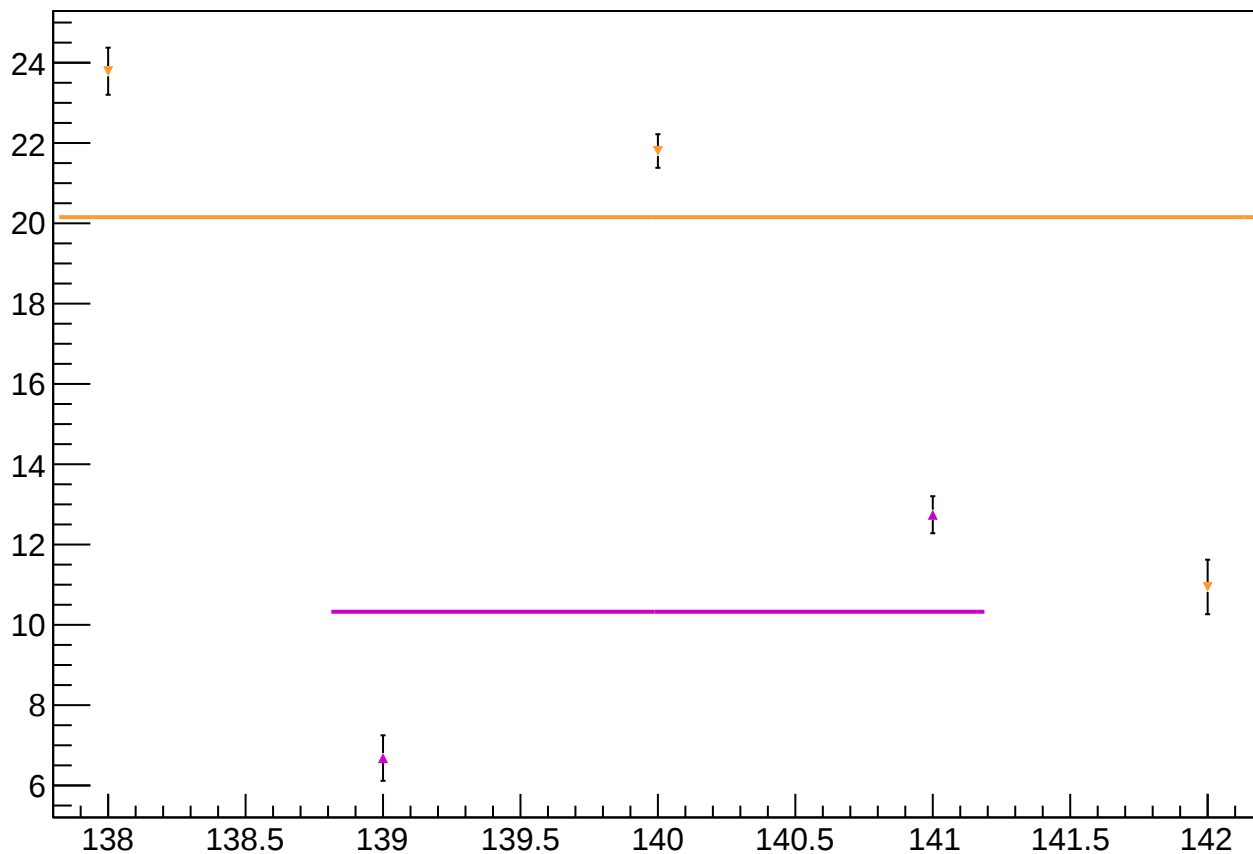
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Out: 0.505+/-0.018 χ^2/NDF : 4.0/2

All: 0.511+/-0.013 χ^2/NDF : 5.4/4

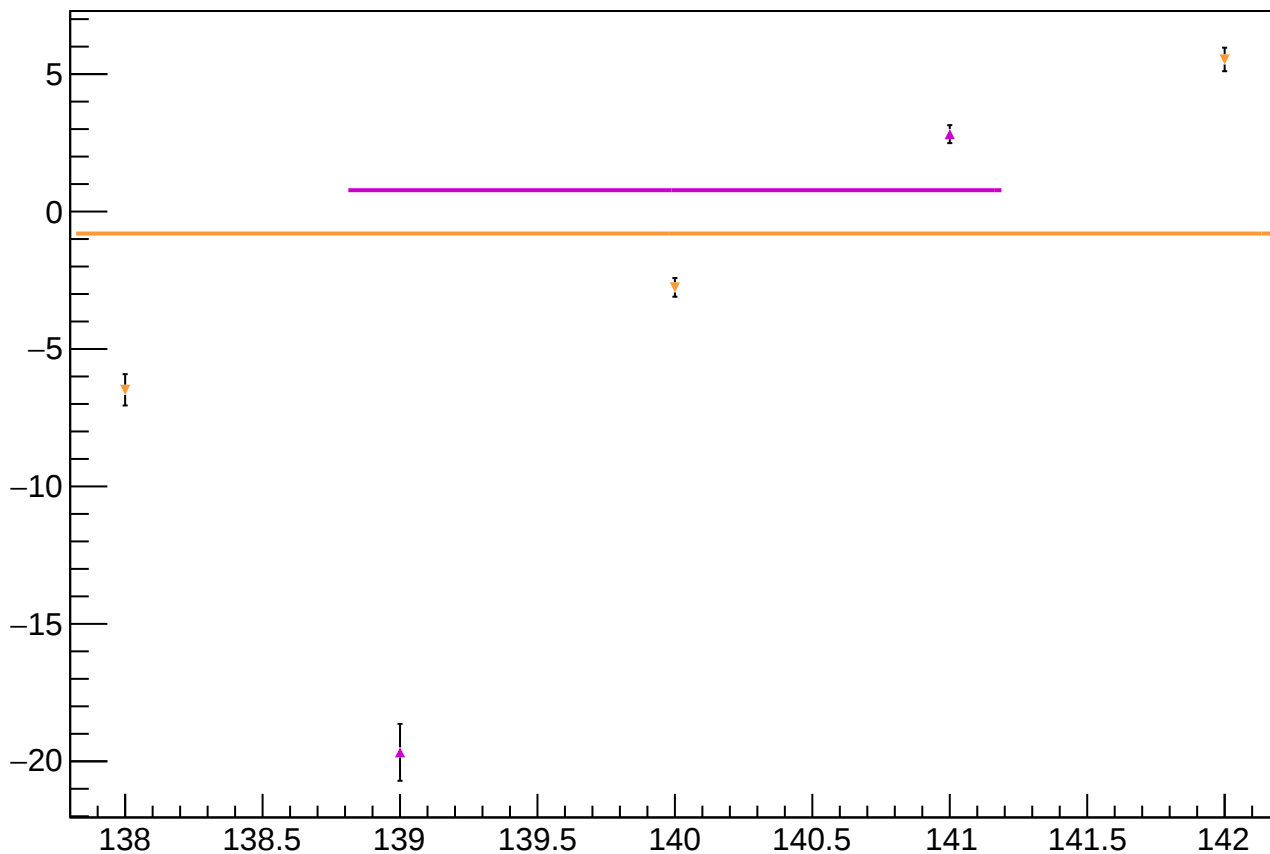
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.154+/-0.304 χ^2/NDF :237.8/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.327+/-0.358 χ^2/NDF :68.8/1

Left: 16.024+/-0.232 χ^2/NDF : 744.5/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.327+/-0.358 χ^2/NDF :68.8/1
 Out: 20.154+/-0.304 χ^2/NDF :237.8/2
 All: 16.024+/-0.232 χ^2/NDF : 744.5/4

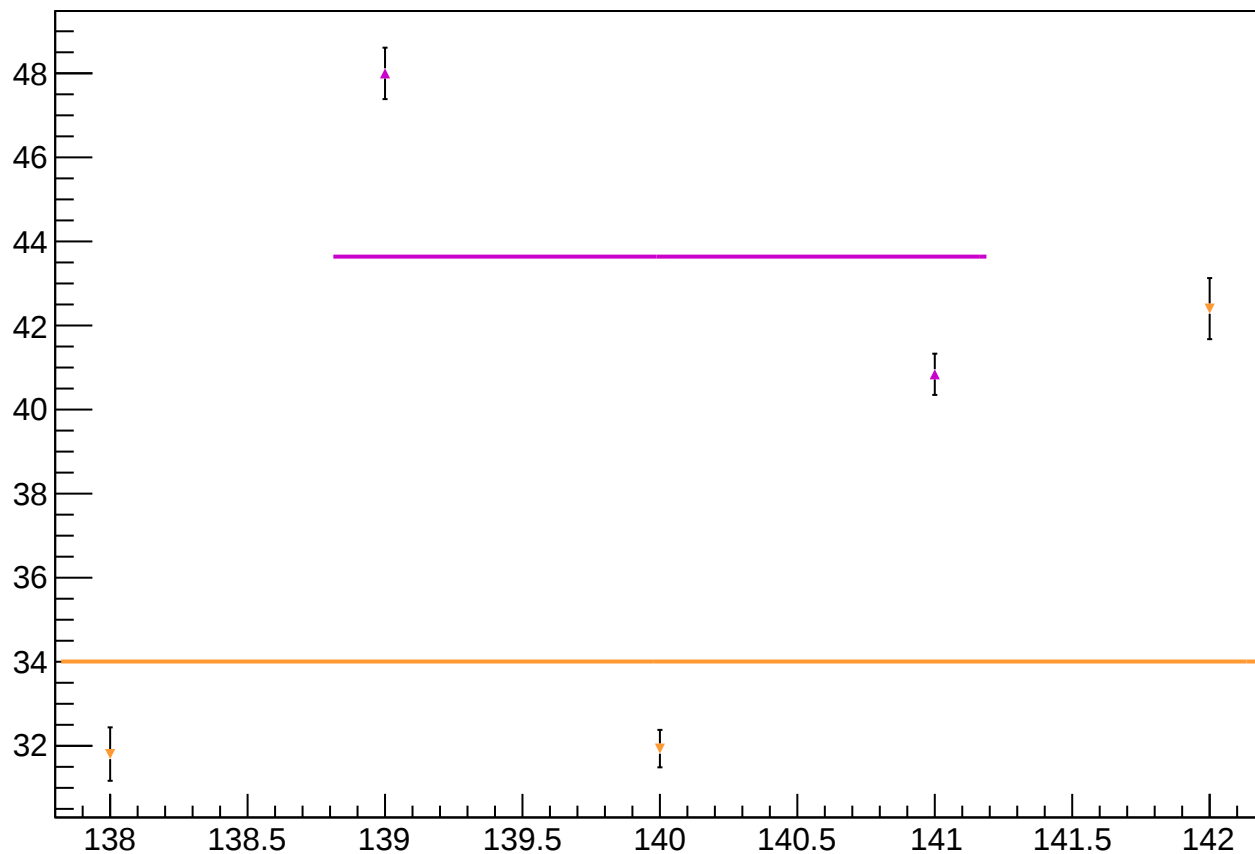
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.800+/-0.241 χ^2/NDF : 351.9/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.777+/-0.312 χ^2/NDF : 429.1/1

Left: -0.210+/-0.191 χ^2/NDF : 797.0/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.777+/-0.312 χ^2/NDF : 429.1/1
 Out: -0.800+/-0.241 χ^2/NDF : 351.9/2
 All: -0.210+/-0.191 χ^2/NDF : 797.0/4

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 34.006+/-0.326 χ^2/NDF :167.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.639+/-0.383 χ^2/NDF :83.3/1

Left: 38.058+/-0.248 χ^2/NDF : 617.5/4

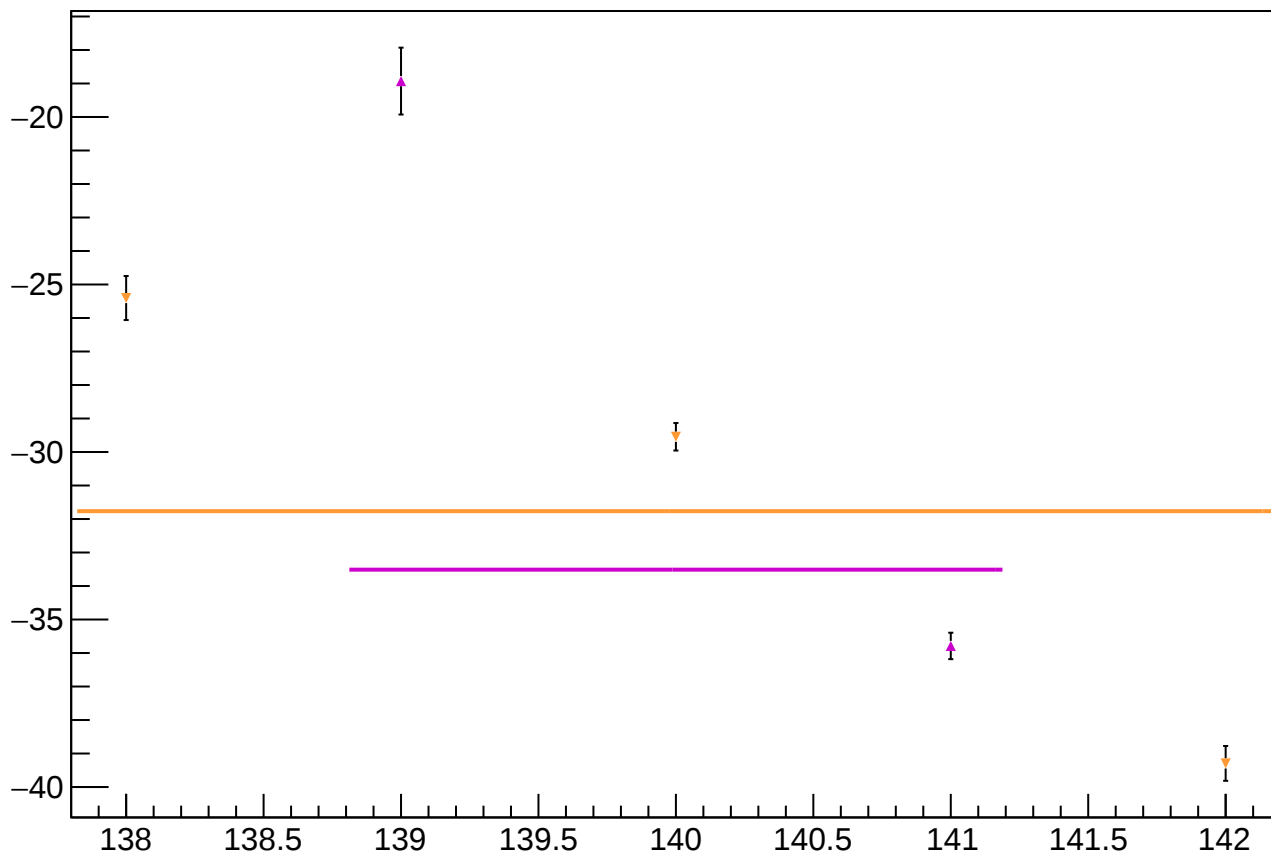
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.639+/-0.383 χ^2/NDF :83.3/1

Out: 34.006+/-0.326 χ^2/NDF :167.1/2

All: 38.058+/-0.248 χ^2/NDF : 617.5/4

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.766+/-0.289 χ^2/NDF :333.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.512+/-0.367 χ^2/NDF :246.9/1

Left: -32.436+/-0.227 χ^2/NDF : 594.0/4

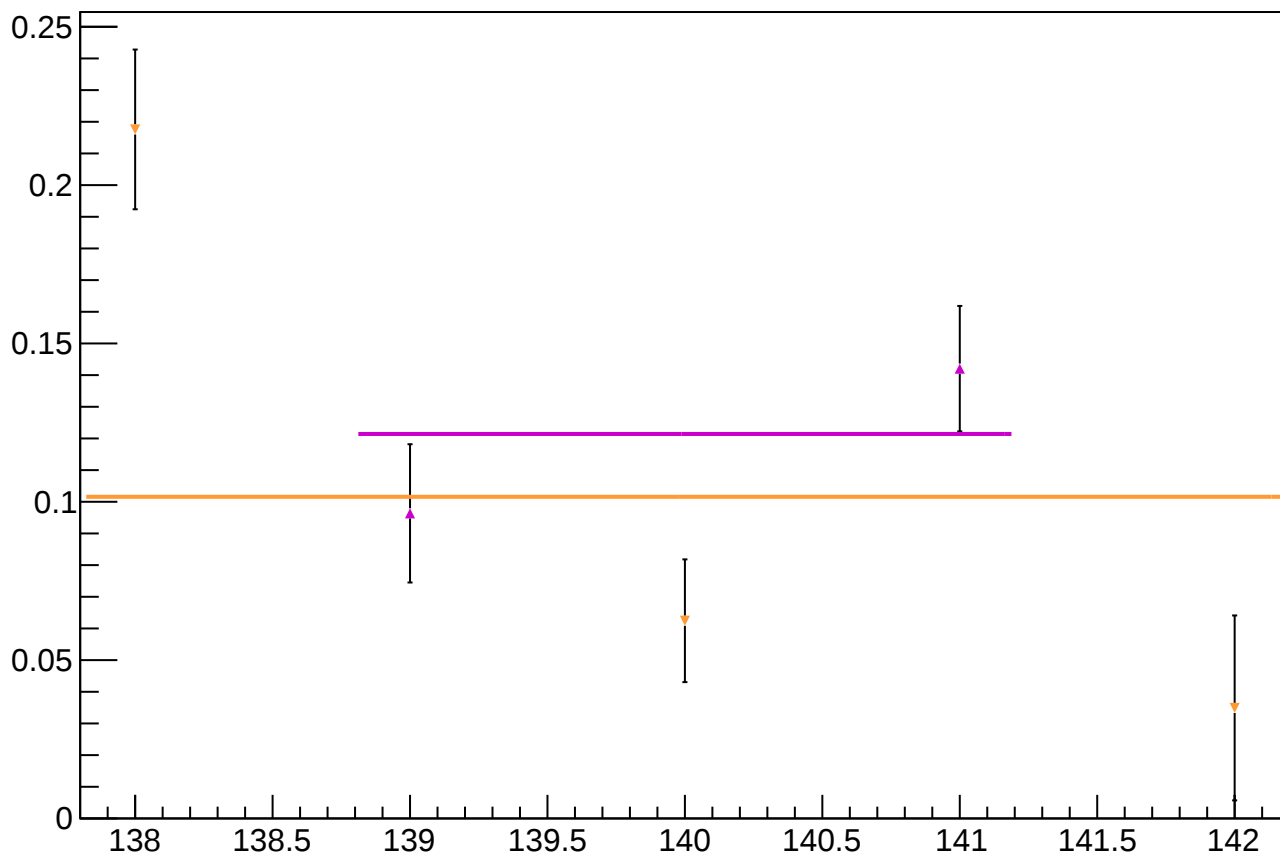
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.512+/-0.367 χ^2/NDF :246.9/1

Out: -31.766+/-0.289 χ^2/NDF :333.1/2

All: -32.436+/-0.227 χ^2/NDF : 594.0/4

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.102 $\pm$ 0.014 χ^2 /NDF:30.5/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.121 $\pm$ 0.015 χ^2 /NDF:2.4/1

Left: 0.111 $\pm$ 0.010 χ^2 /NDF: 33.8/4

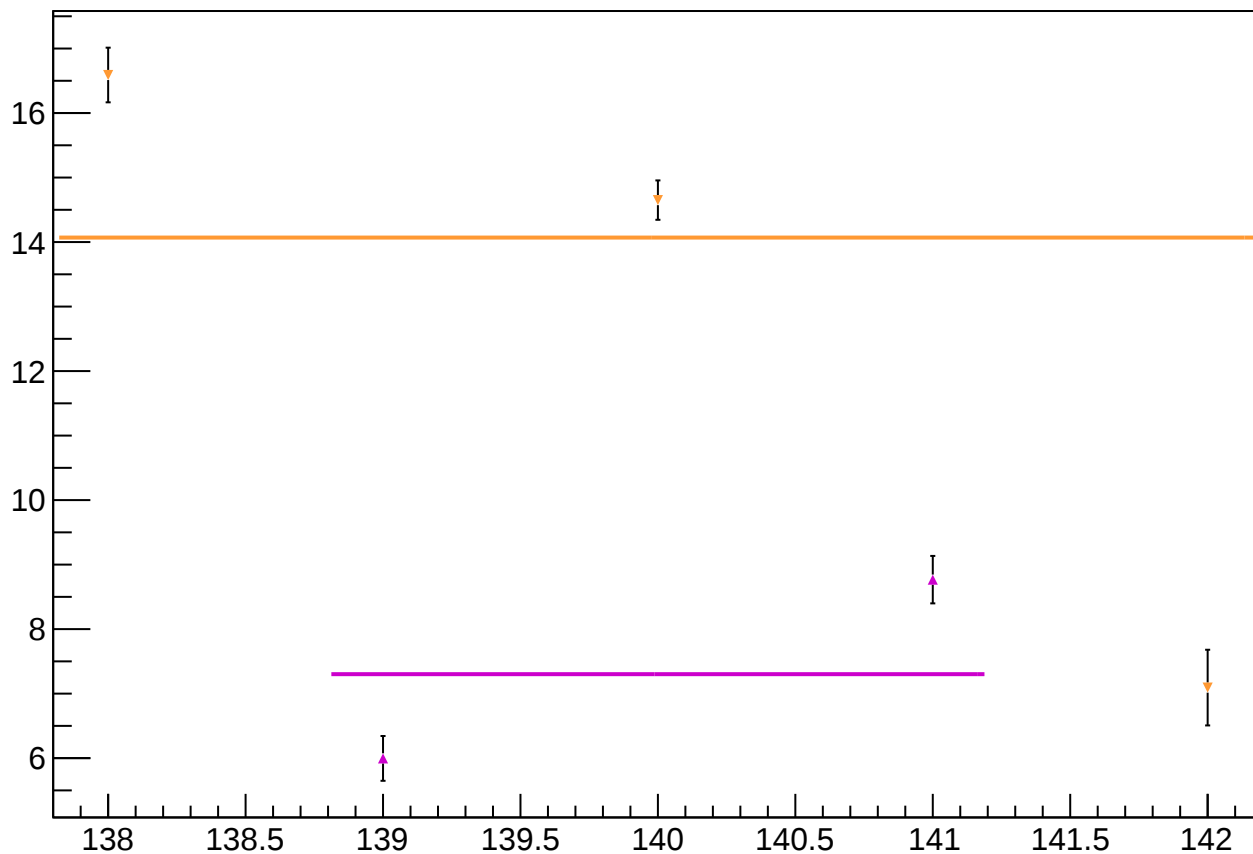
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.121 $\pm$ 0.015 χ^2 /NDF:2.4/1

Out: 0.102 $\pm$ 0.014 χ^2 /NDF:30.5/2

All: 0.111 $\pm$ 0.010 χ^2 /NDF: 33.8/4

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 14.070 $\pm$ 0.228 χ^2 /NDF:180.4/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 7.302 $\pm$ 0.252 χ^2 /NDF:30.0/1

Left: 11.027 $\pm$ 0.169 χ^2 /NDF: 606.0/4

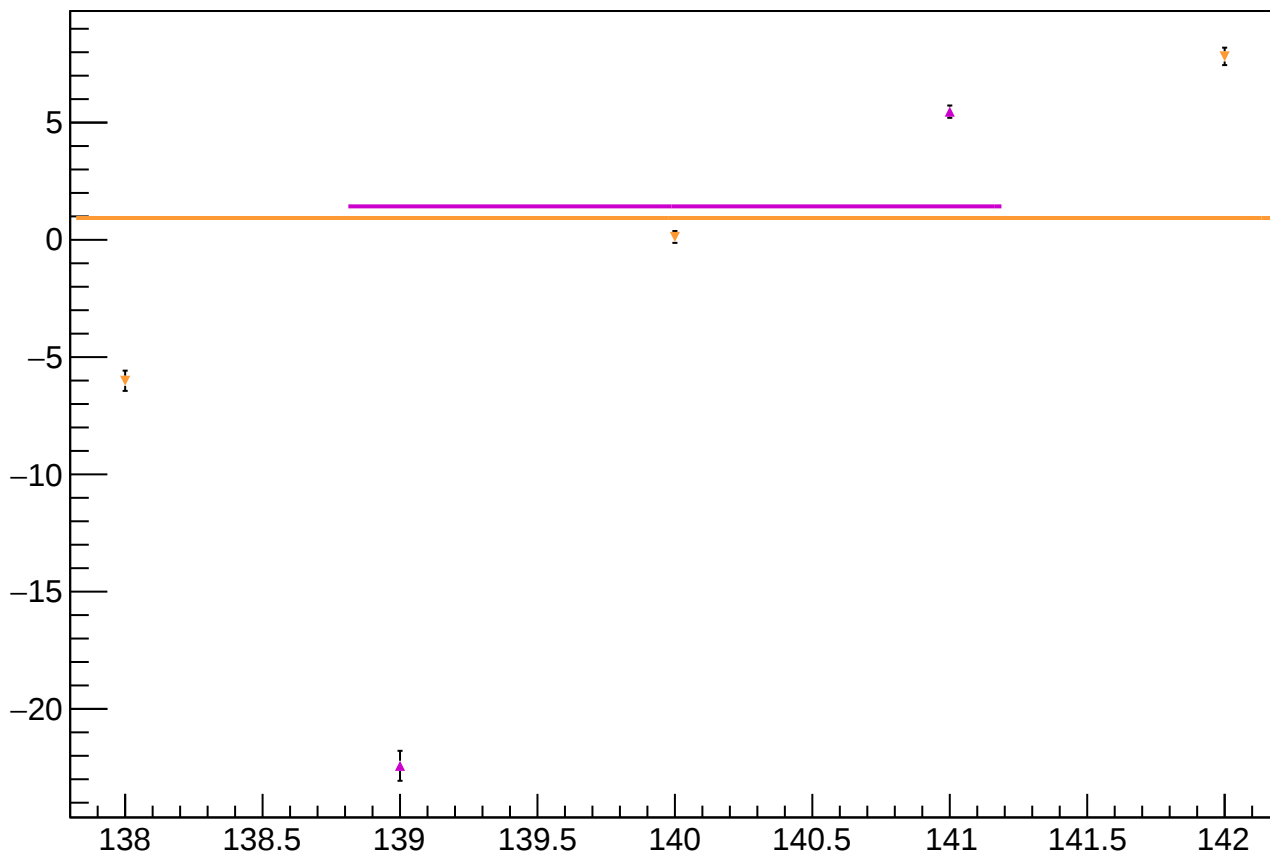
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 7.302 $\pm$ 0.252 χ^2 /NDF:30.0/1

Out: 14.070 $\pm$ 0.228 χ^2 /NDF:180.4/2

All: 11.027 $\pm$ 0.169 χ^2 /NDF: 606.0/4

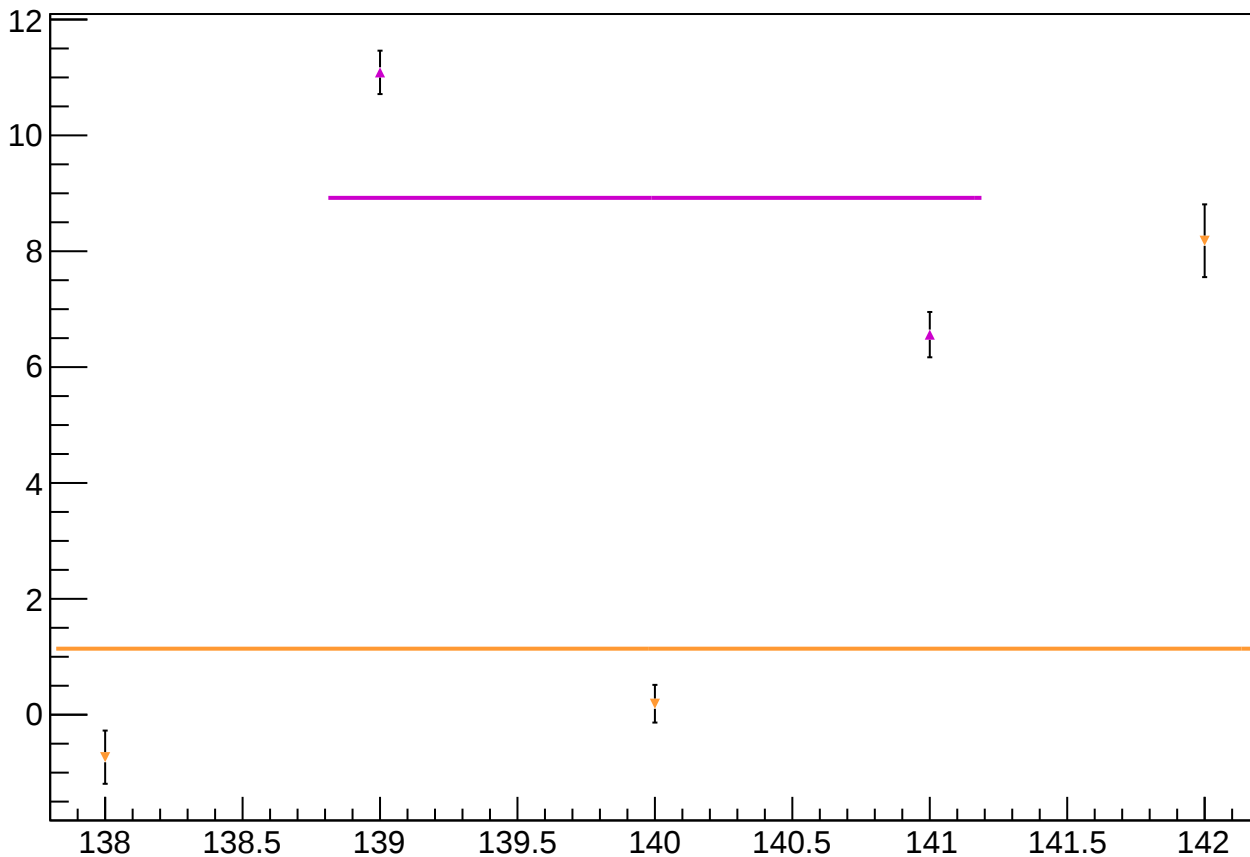
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.932 $\pm$ 0.188 χ^2 /NDF:613.1/2
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.427 $\pm$ 0.243 χ^2 /NDF:1629.6/1

Left: 1.117 $\pm$ 0.149 χ^2 /NDF: 2245.3/4
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.427 $\pm$ 0.243 χ^2 /NDF:1629.6/1
 Out: 0.932 $\pm$ 0.188 χ^2 /NDF:613.1/2
 All: 1.117 $\pm$ 0.149 χ^2 /NDF: 2245.3/4

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.140+/-0.245 χ^2/NDF :150.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.921+/-0.271 χ^2/NDF :69.9/1

Left: 4.639+/-0.181 χ^2/NDF : 676.1/4

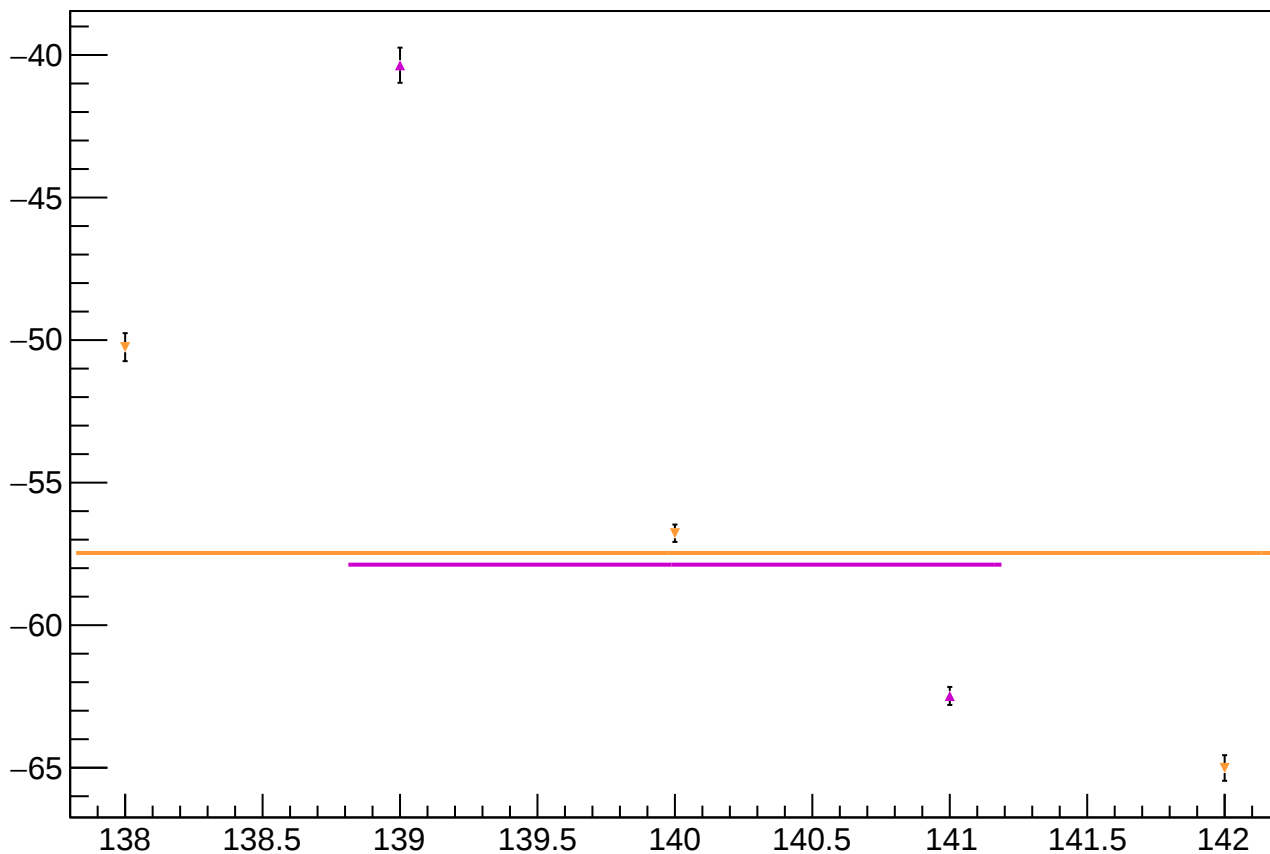
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.921+/-0.271 χ^2/NDF :69.9/1

Out: 1.140+/-0.245 χ^2/NDF :150.9/2

All: 4.639+/-0.181 χ^2/NDF : 676.1/4

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.467+/-0.224 χ^2/NDF : 502.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.878+/-0.281 χ^2/NDF : 1020.4/1

Left: -57.627+/-0.175 χ^2/NDF : 1523.8/4

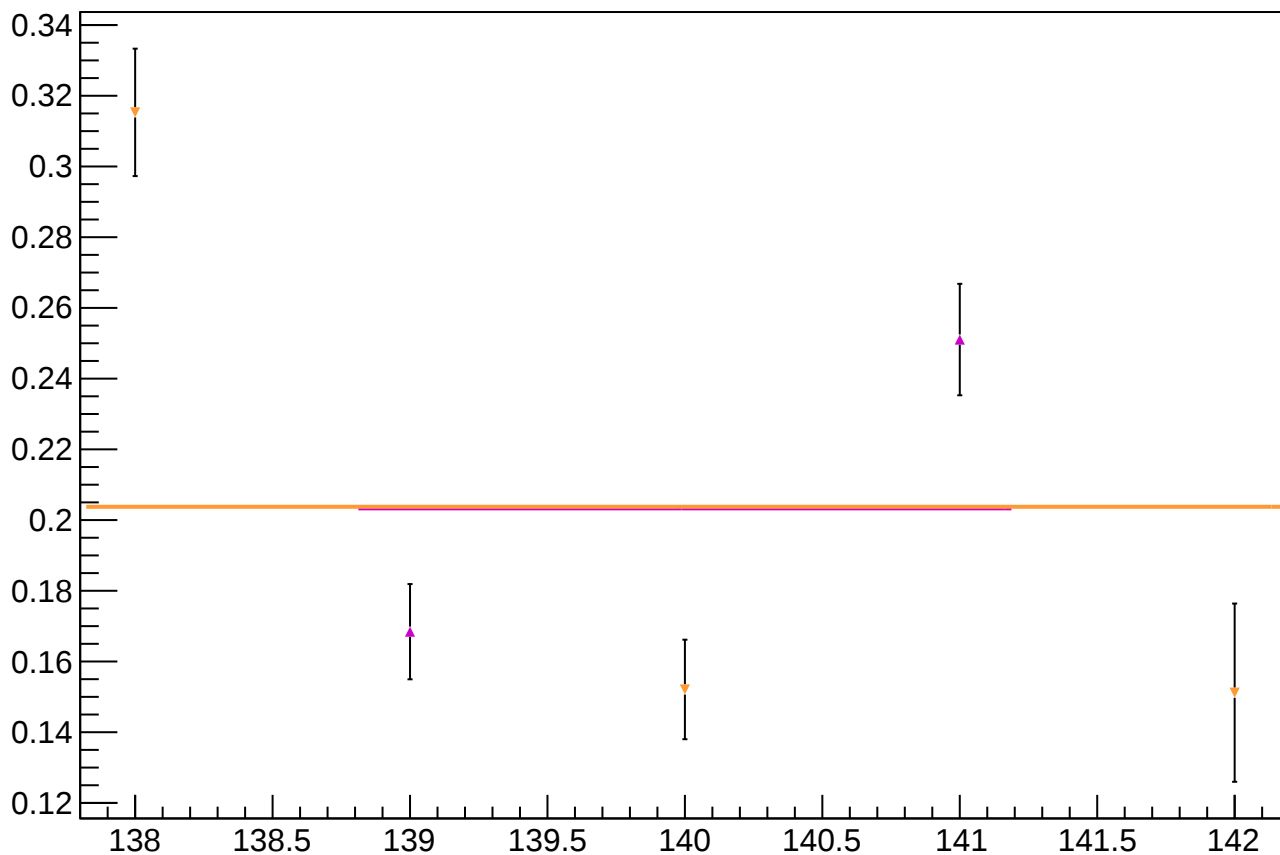
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.878+/-0.281 χ^2/NDF : 1020.4/1

Out: -57.467+/-0.224 χ^2/NDF : 502.2/2

All: -57.627+/-0.175 χ^2/NDF : 1523.8/4

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.204+/-0.010 χ^2/NDF :56.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.203+/-0.010 χ^2/NDF :15.9/1

Left: 0.204+/-0.007 χ^2/NDF : 72.0/4

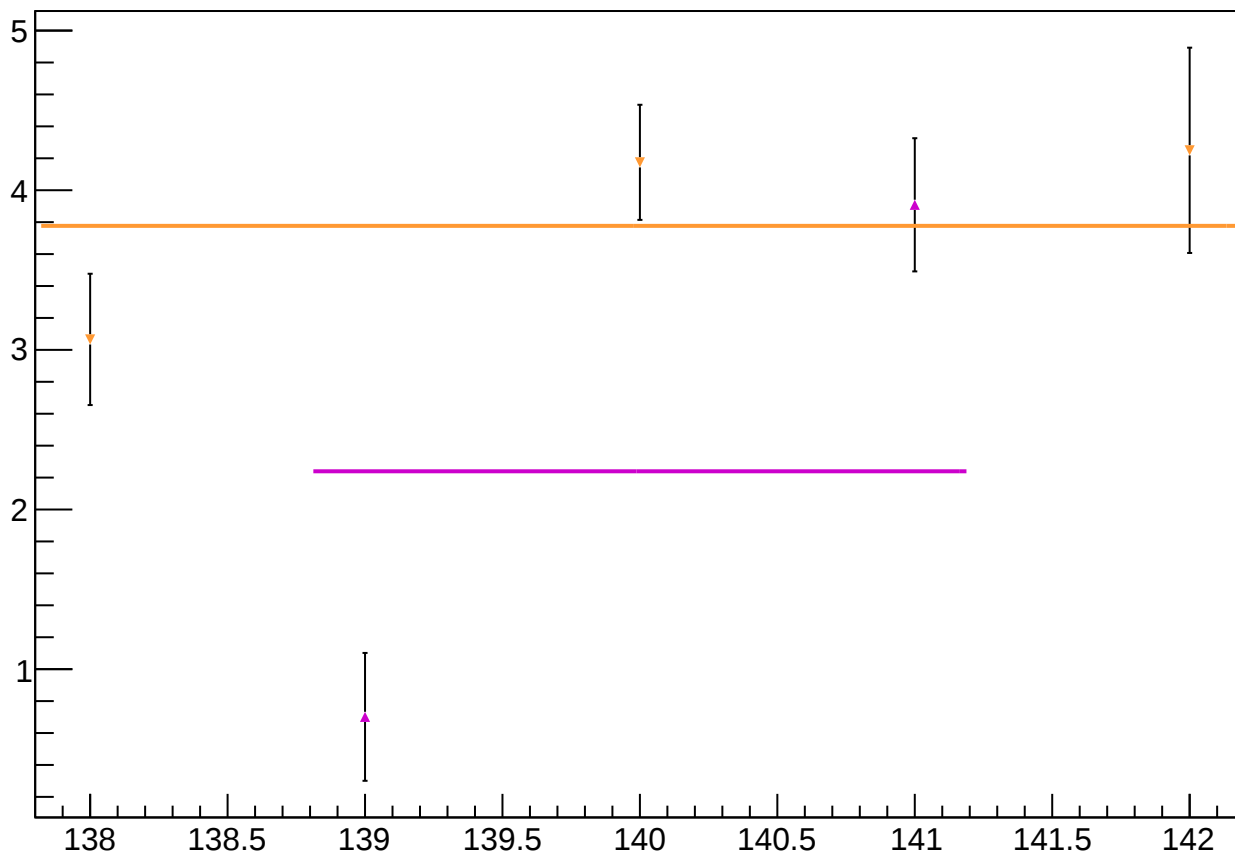
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.203+/-0.010 χ^2/NDF :15.9/1

Out: 0.204+/-0.010 χ^2/NDF :56.2/2

All: 0.204+/-0.007 χ^2/NDF : 72.0/4

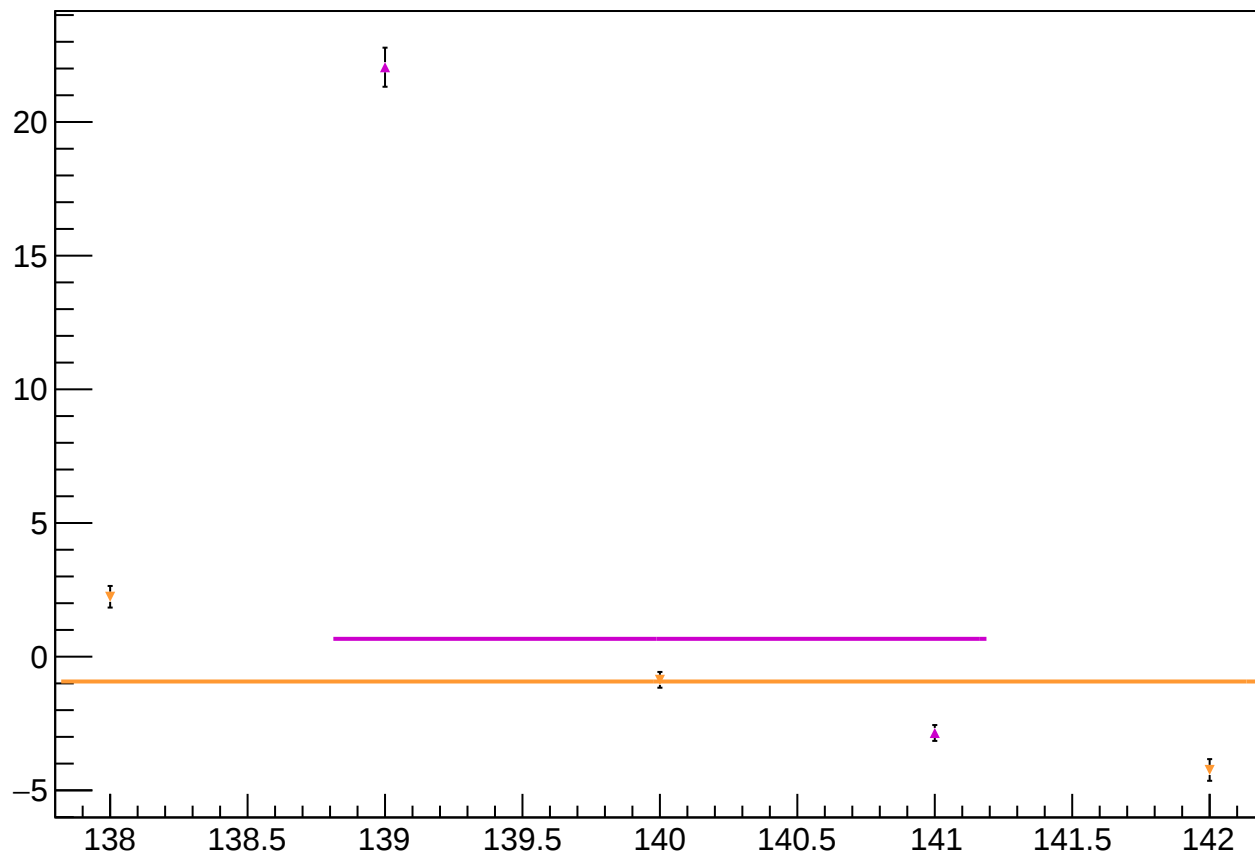
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.777+/-0.250 χ^2/NDF : 4.8/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.239+/-0.289 χ^2/NDF : 30.8/1

Left: 3.119+/-0.189 χ^2/NDF : 51.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.239+/-0.289 χ^2/NDF : 30.8/1
 Out: 3.777+/-0.250 χ^2/NDF : 4.8/2
 All: 3.119+/-0.189 χ^2/NDF : 51.7/4

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.929+/-0.205 χ^2/NDF :128.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.667+/-0.275 χ^2/NDF :996.4/1

Left: -0.357+/-0.165 χ^2/NDF : 1146.1/4

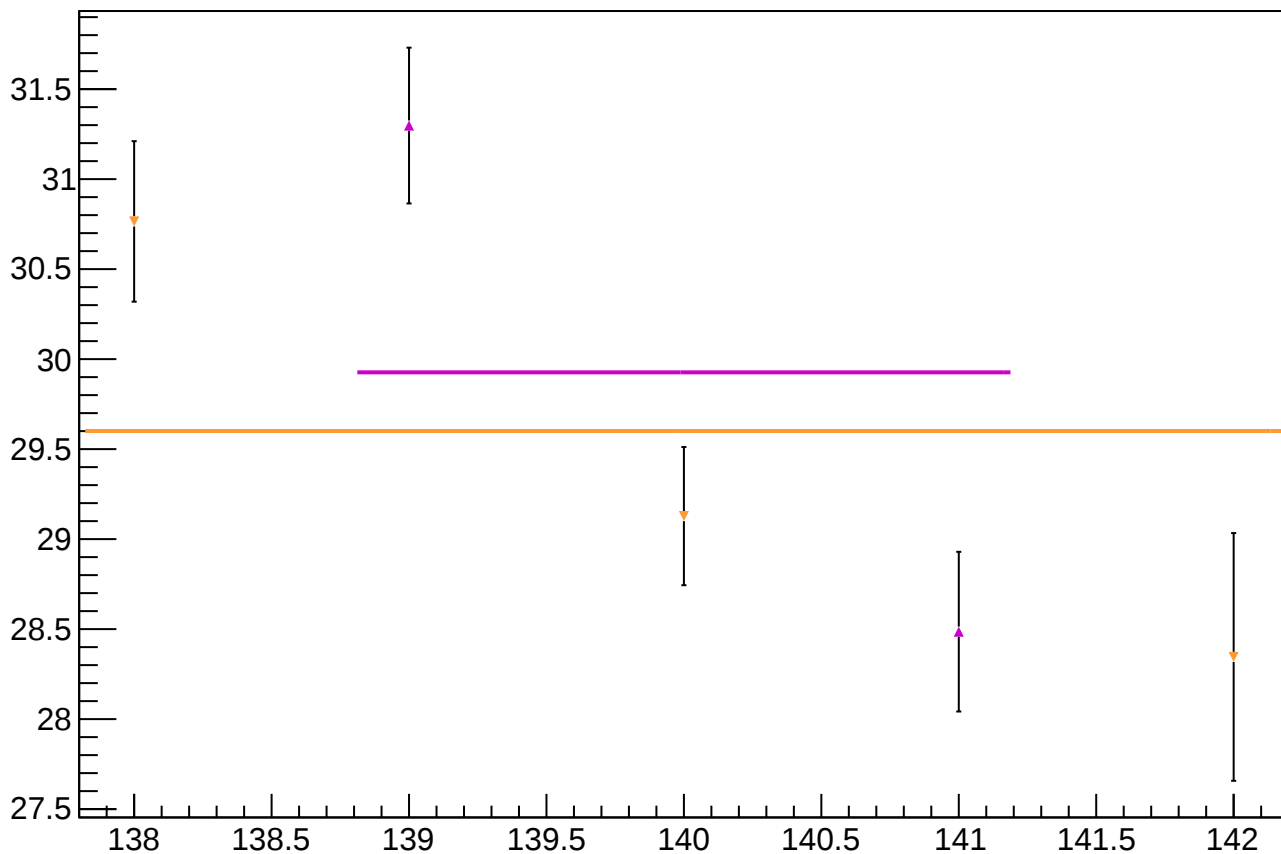
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.667+/-0.275 χ^2/NDF :996.4/1

Out: -0.929+/-0.205 χ^2/NDF :128.1/2

All: -0.357+/-0.165 χ^2/NDF : 1146.1/4

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.601+/-0.268 χ^2/NDF :11.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.927+/-0.310 χ^2/NDF :20.6/1

Left: 29.740+/-0.203 χ^2/NDF : 32.9/4

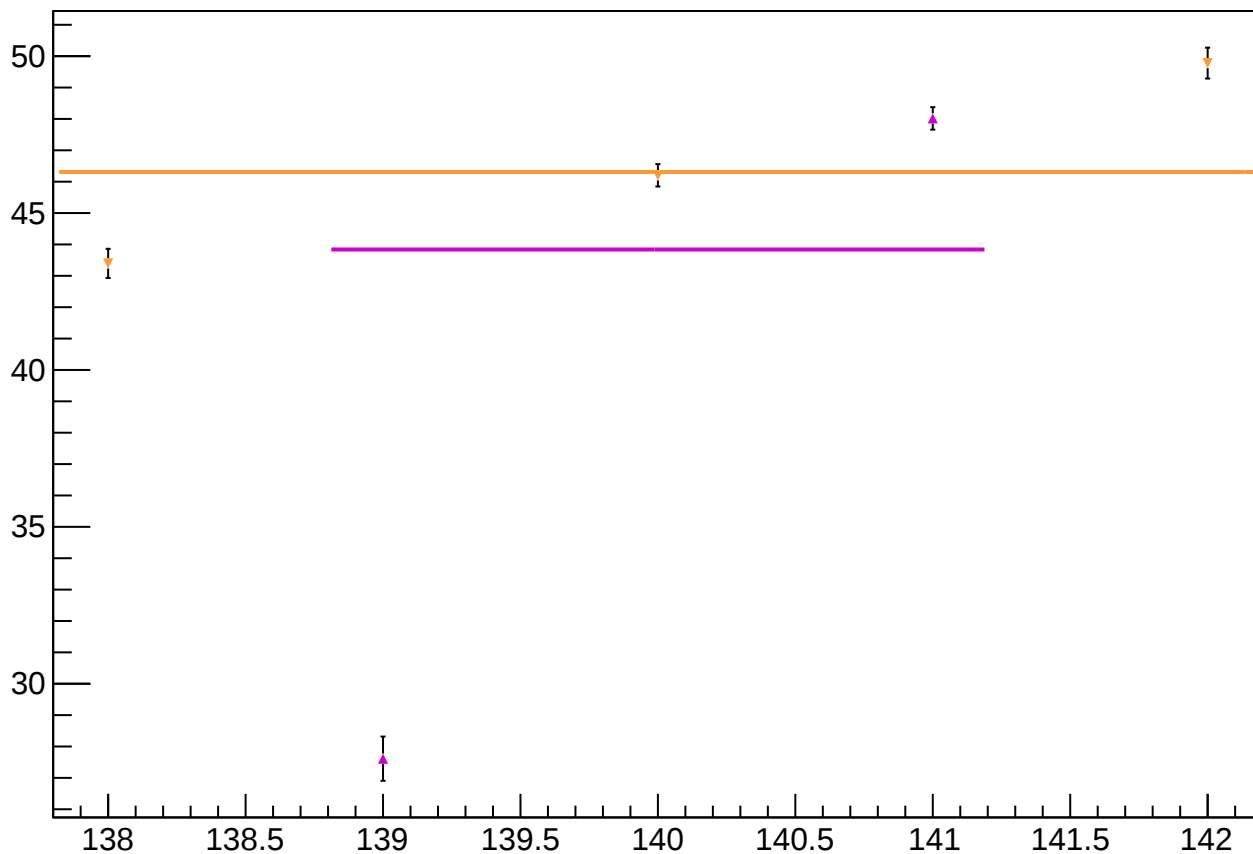
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.927+/-0.310 χ^2/NDF :20.6/1

Out: 29.601+/-0.268 χ^2/NDF :11.7/2

All: 29.740+/-0.203 χ^2/NDF : 32.9/4

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 46.309+/-0.245 χ^2/NDF :89.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.839+/-0.319 χ^2/NDF :667.0/1

Left: 45.391+/-0.194 χ^2/NDF : 793.8/4

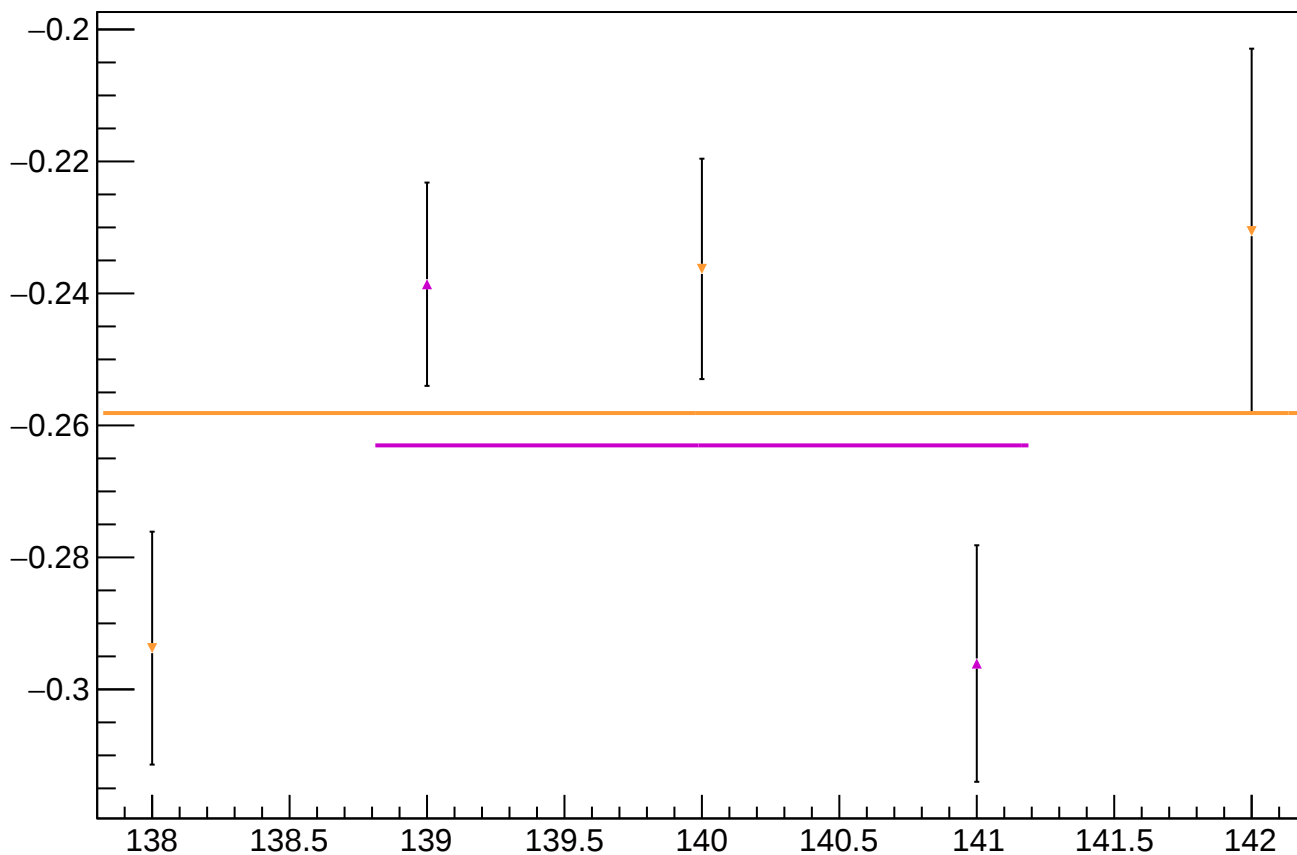
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.839+/-0.319 χ^2/NDF :667.0/1

Out: 46.309+/-0.245 χ^2/NDF :89.1/2

All: 45.391+/-0.194 χ^2/NDF : 793.8/4

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.258+/-0.011 χ^2/NDF : 6.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.263+/-0.012 χ^2/NDF : 5.9/1

Left: -0.260+/-0.008 χ^2/NDF : 12.8/4

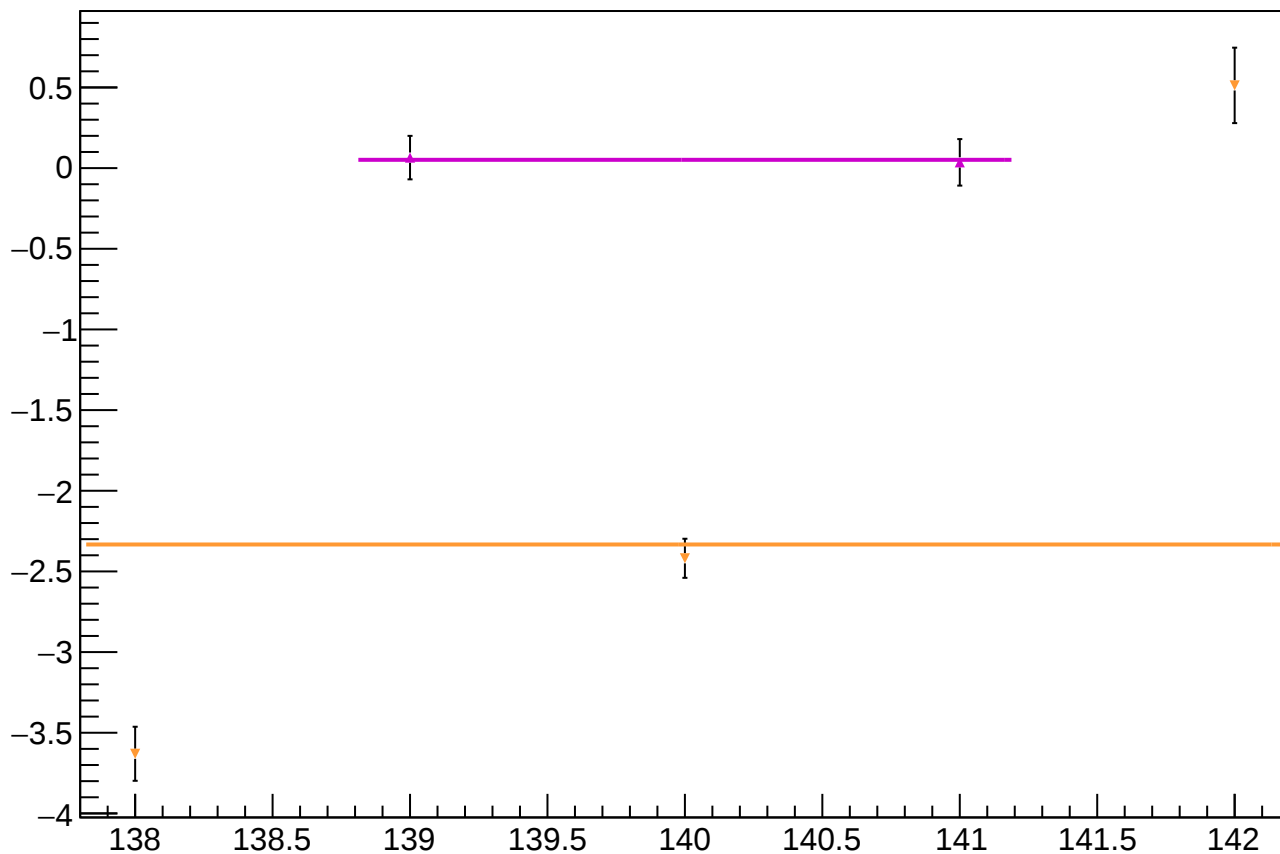
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.263+/-0.012 χ^2/NDF : 5.9/1

Out: -0.258+/-0.011 χ^2/NDF : 6.8/2

All: -0.260+/-0.008 χ^2/NDF : 12.8/4

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.333+/-0.091 χ^2/NDF : 208.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.051+/-0.098 χ^2/NDF : 0.0/1

Left: -1.241+/-0.067 χ^2/NDF : 526.5/4

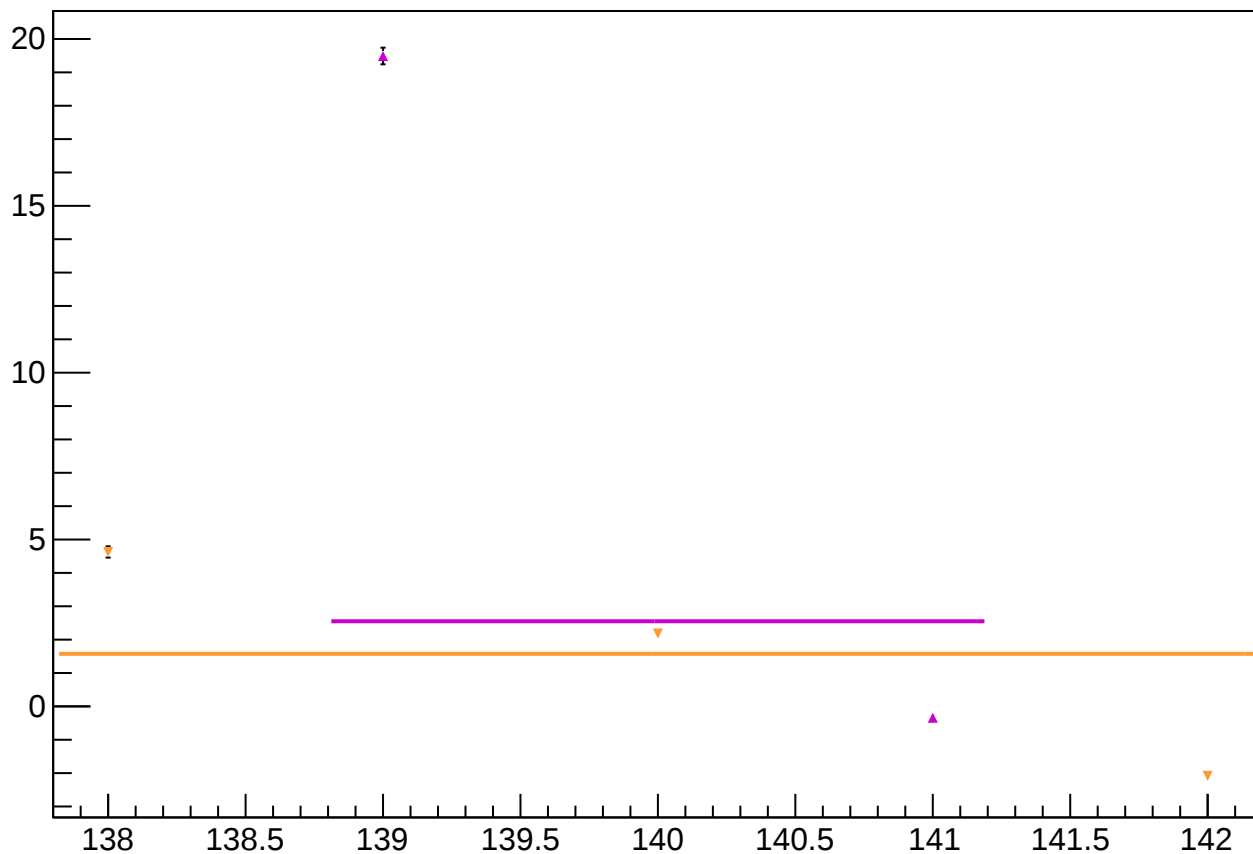
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.098 χ^2/NDF : 0.0/1

Out: -2.333+/-0.091 χ^2/NDF : 208.6/2

All: -1.241+/-0.067 χ^2/NDF : 526.5/4

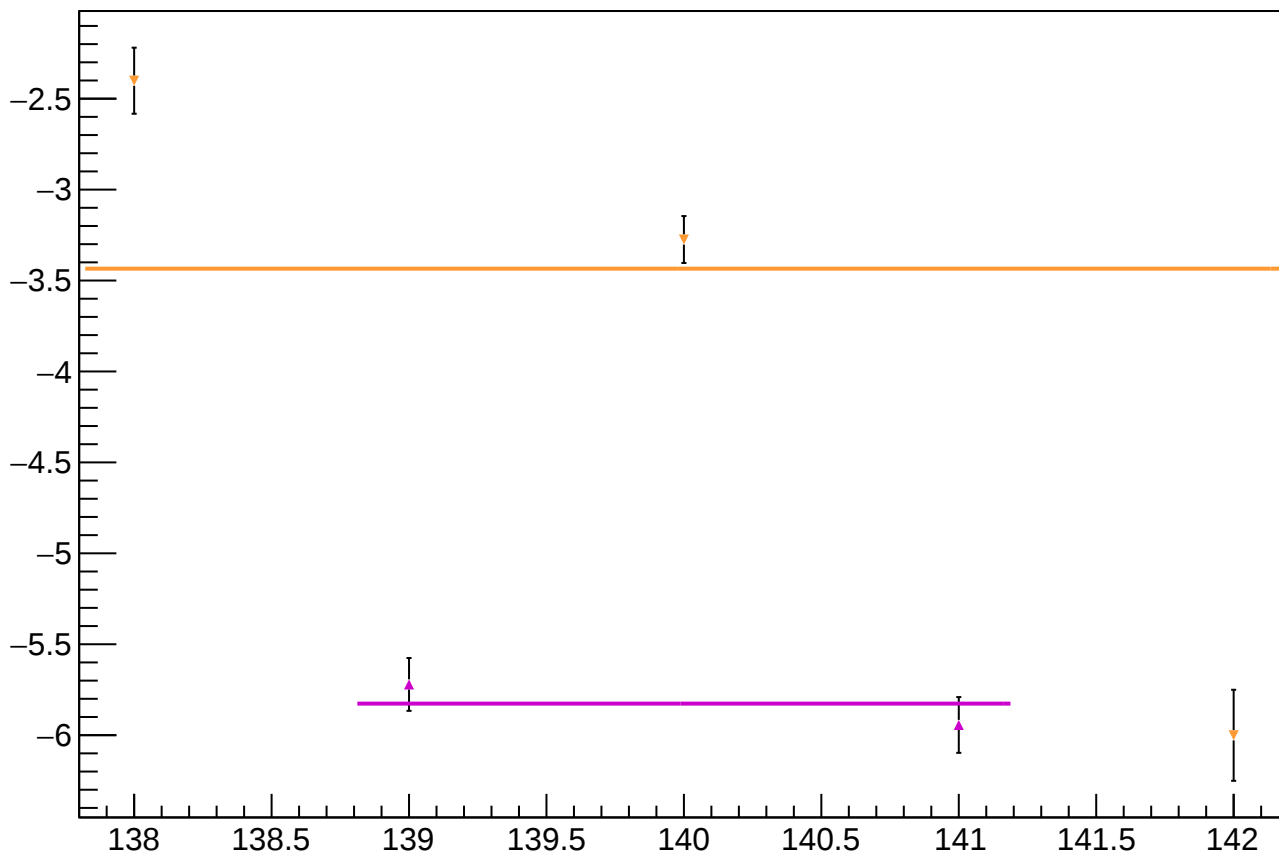
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.575+/-0.074 χ^2/NDF : 974.4/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.551+/-0.095 χ^2/NDF : 5409.9/1

Left: 1.946+/-0.059 χ^2/NDF : 6449.5/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.551+/-0.095 χ^2/NDF : 5409.9/1
 Out: 1.575+/-0.074 χ^2/NDF : 974.4/2
 All: 1.946+/-0.059 χ^2/NDF : 6449.5/4

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -3.435+/-0.097 χ^2 /NDF:139.0/2

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -5.826+/-0.105 χ^2 /NDF:1.1/1

Left: -4.530+/-0.071 χ^2 /NDF: 418.8/4

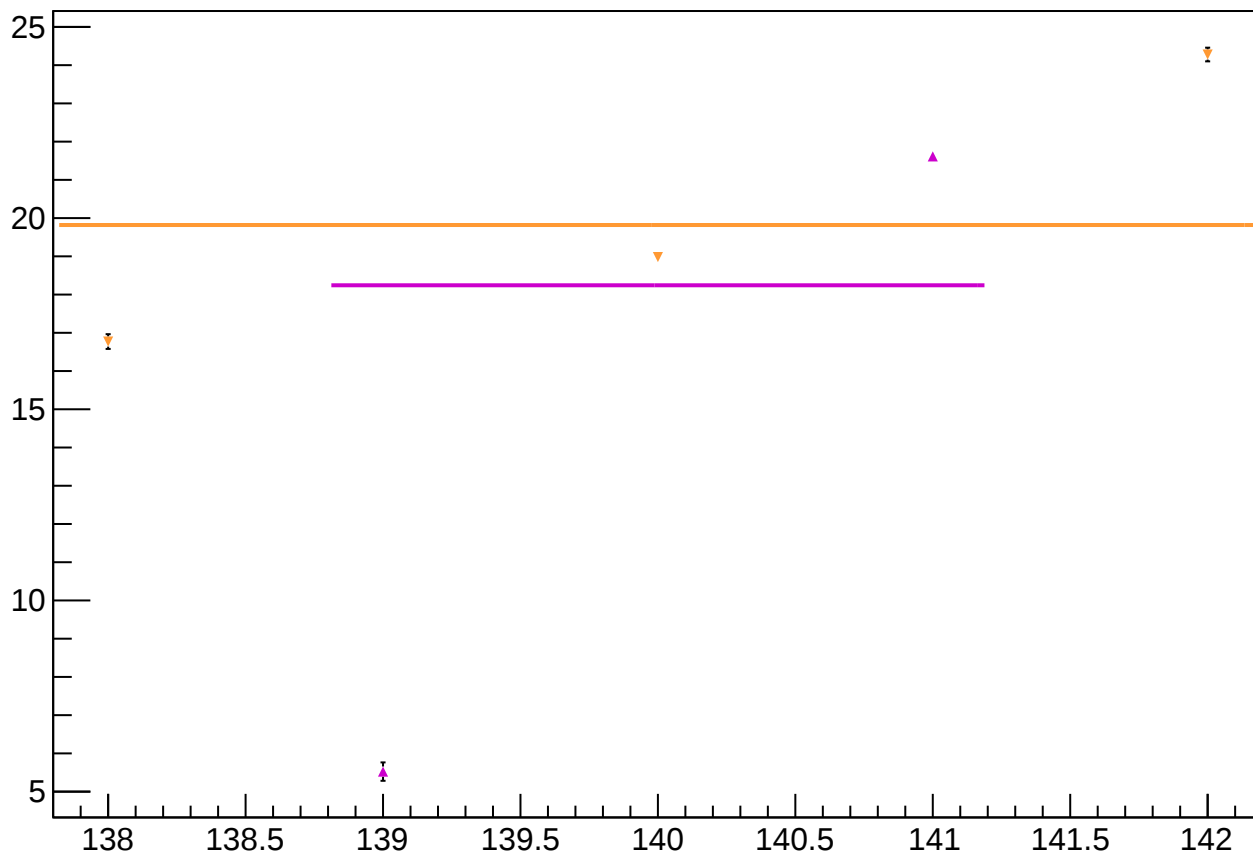
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -5.826+/-0.105 χ^2 /NDF:1.1/1

Out: -3.435+/-0.097 χ^2 /NDF:139.0/2

All: -4.530+/-0.071 χ^2 /NDF: 418.8/4

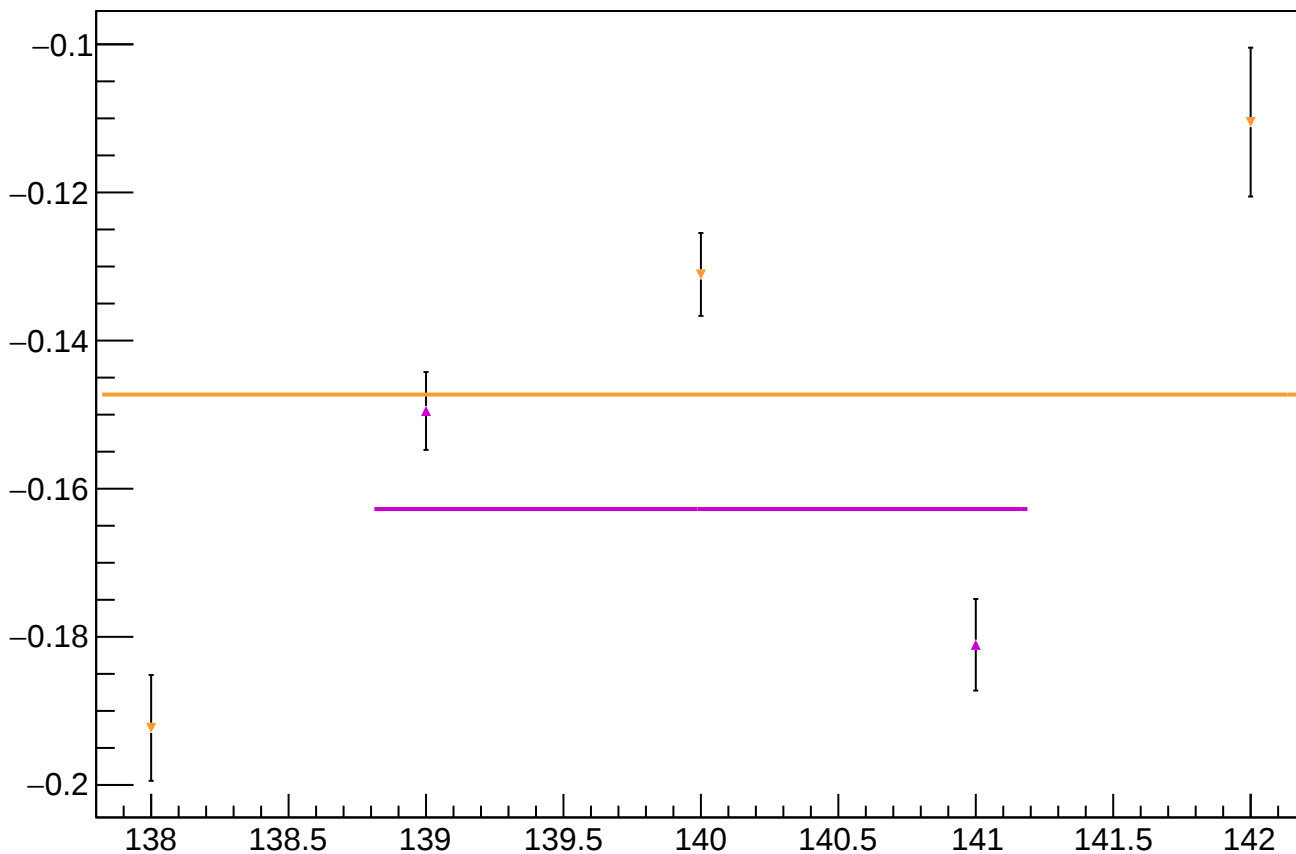
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.819+/-0.089 χ^2/NDF : 917.3/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.243+/-0.110 χ^2/NDF : 3539.3/1

Left: 19.197+/-0.069 χ^2/NDF : 4580.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.243+/-0.110 χ^2/NDF : 3539.3/1
 Out: 19.819+/-0.089 χ^2/NDF : 917.3/2
 All: 19.197+/-0.069 χ^2/NDF : 4580.7/4

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.147+/-0.004 χ^2/NDF :61.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.163+/-0.004 χ^2/NDF :15.1/1

Left: -0.155+/-0.003 χ^2/NDF : 84.0/4

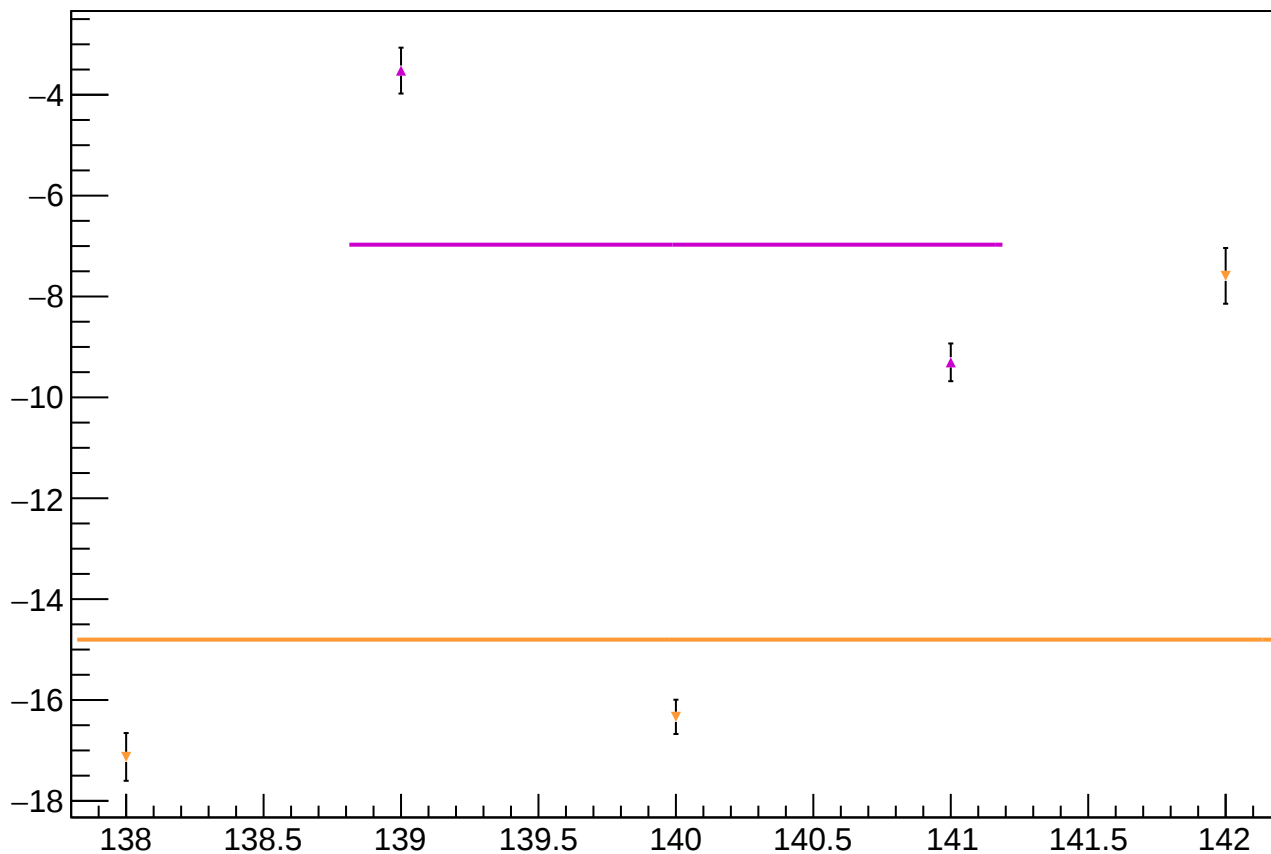
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.163+/-0.004 χ^2/NDF :15.1/1

Out: -0.147+/-0.004 χ^2/NDF :61.5/2

All: -0.155+/-0.003 χ^2/NDF : 84.0/4

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.803+/-0.247 χ^2/NDF :214.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.972+/-0.289 χ^2/NDF :96.5/1

Left: -11.494+/-0.188 χ^2/NDF : 735.7/4

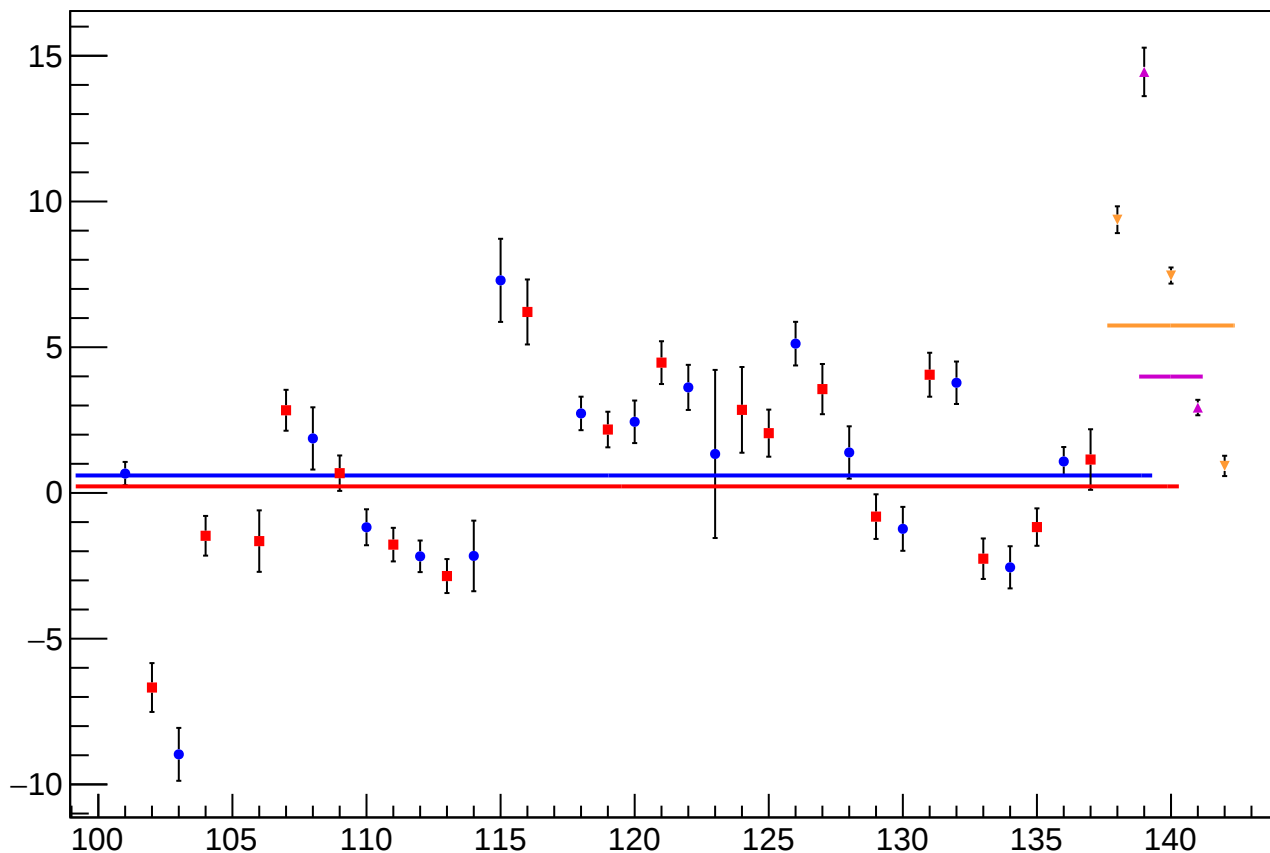
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.972+/-0.289 χ^2/NDF :96.5/1

Out: -14.803+/-0.247 χ^2/NDF :214.7/2

All: -11.494+/-0.188 χ^2/NDF : 735.7/4

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 +/- 0.169 χ^2/NDF : 291.9/16

Left Out: 5.745 +/- 0.196 χ^2/NDF : 292.0/2

Right Out: 0.225 +/- 0.175 χ^2/NDF : 273.2/17

Left In: 3.993 +/- 0.253 χ^2/NDF : 174.1/1

Left: 5.088 +/- 0.155 χ^2/NDF : 496.1/4

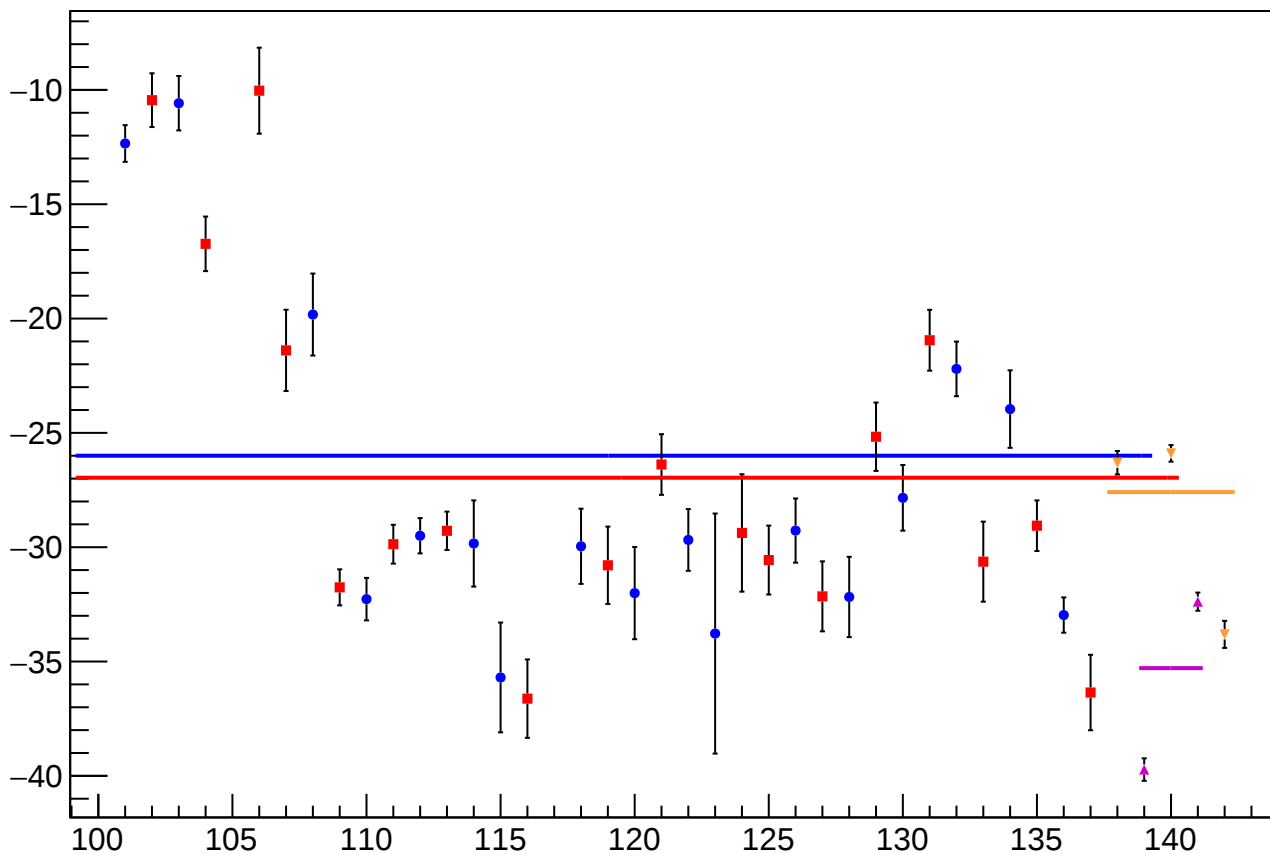
Right: 0.418 +/- 0.122 χ^2/NDF : 567.5/34

In: 1.651 +/- 0.141 χ^2/NDF : 590.5/18

Out: 2.672 +/- 0.130 χ^2/NDF : 1007.5/20

All: 2.200 +/- 0.096 χ^2/NDF : 1626.4/39

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -27.590 ± 0.265 χ^2/NDF : 138.8/2

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -35.288 ± 0.309 χ^2/NDF : 135.0/1

Left: -30.845 ± 0.201 χ^2/NDF : 631.7/4

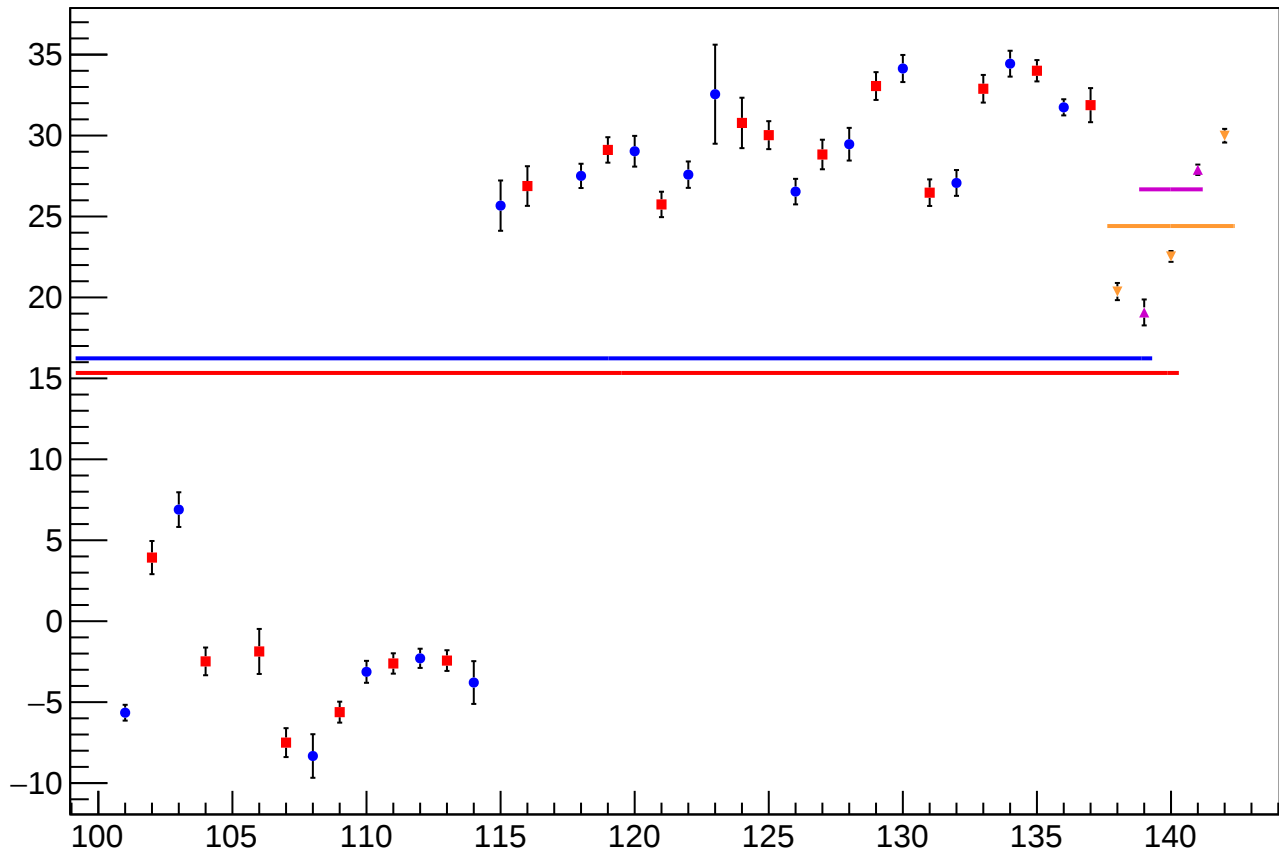
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -27.312 ± 0.198 χ^2/NDF : 676.7/20

All: -28.775 ± 0.146 χ^2/NDF : 2088.5/39

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 24.411 $\pm$ 0.235 χ^2 /NDF:264.0/2

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.677 $\pm$ 0.297 χ^2 /NDF:104.3/1

Left: 25.283 $\pm$ 0.184 χ^2 /NDF: 404.1/4

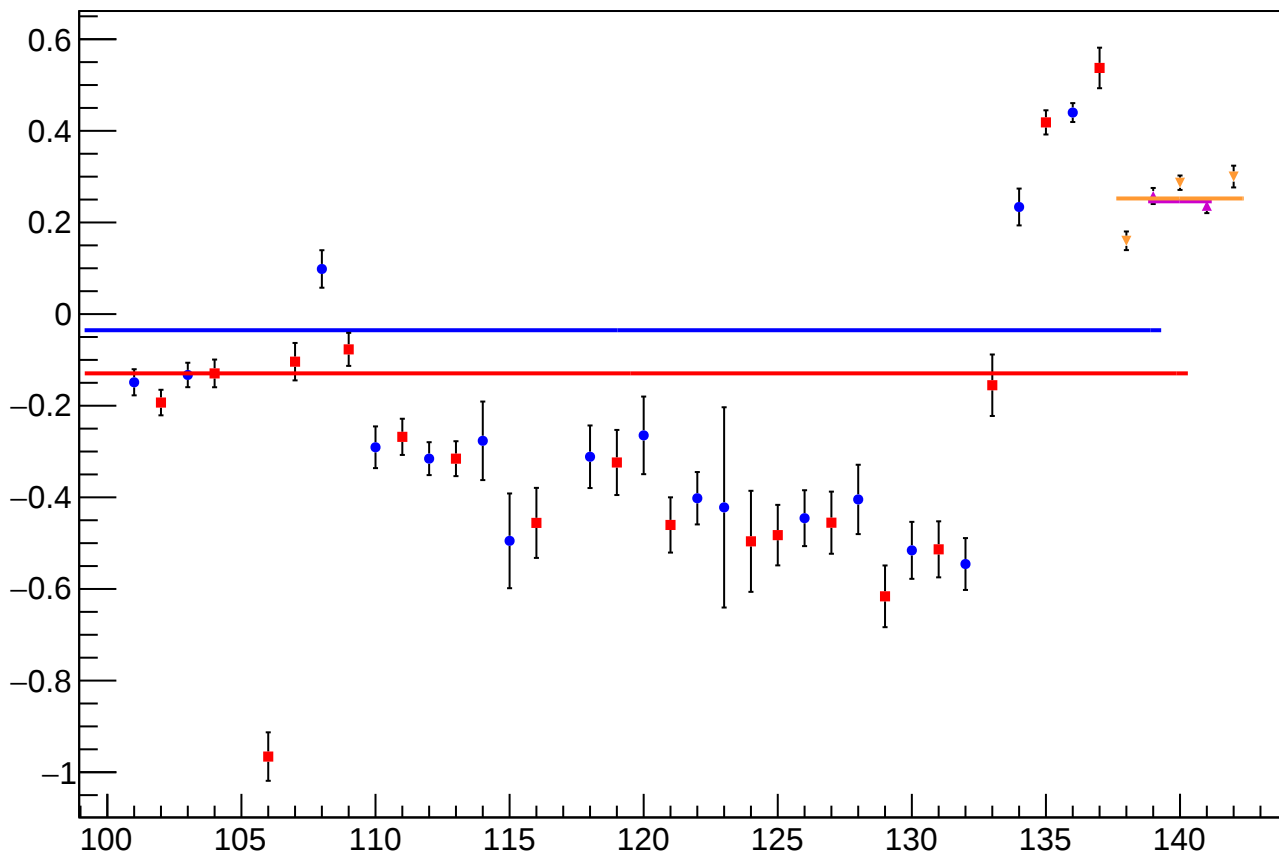
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 19.301 $\pm$ 0.161 χ^2 /NDF:8557.3/18

Out: 19.085 $\pm$ 0.151 χ^2 /NDF:8399.3/20

All: 19.186 $\pm$ 0.110 χ^2 /NDF: 16957.6/39

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.252 ± 0.011 χ^2/NDF : 29.5/2

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.246 ± 0.012 χ^2/NDF : 0.8/1

Left: 0.249 ± 0.008 χ^2/NDF : 30.4/4

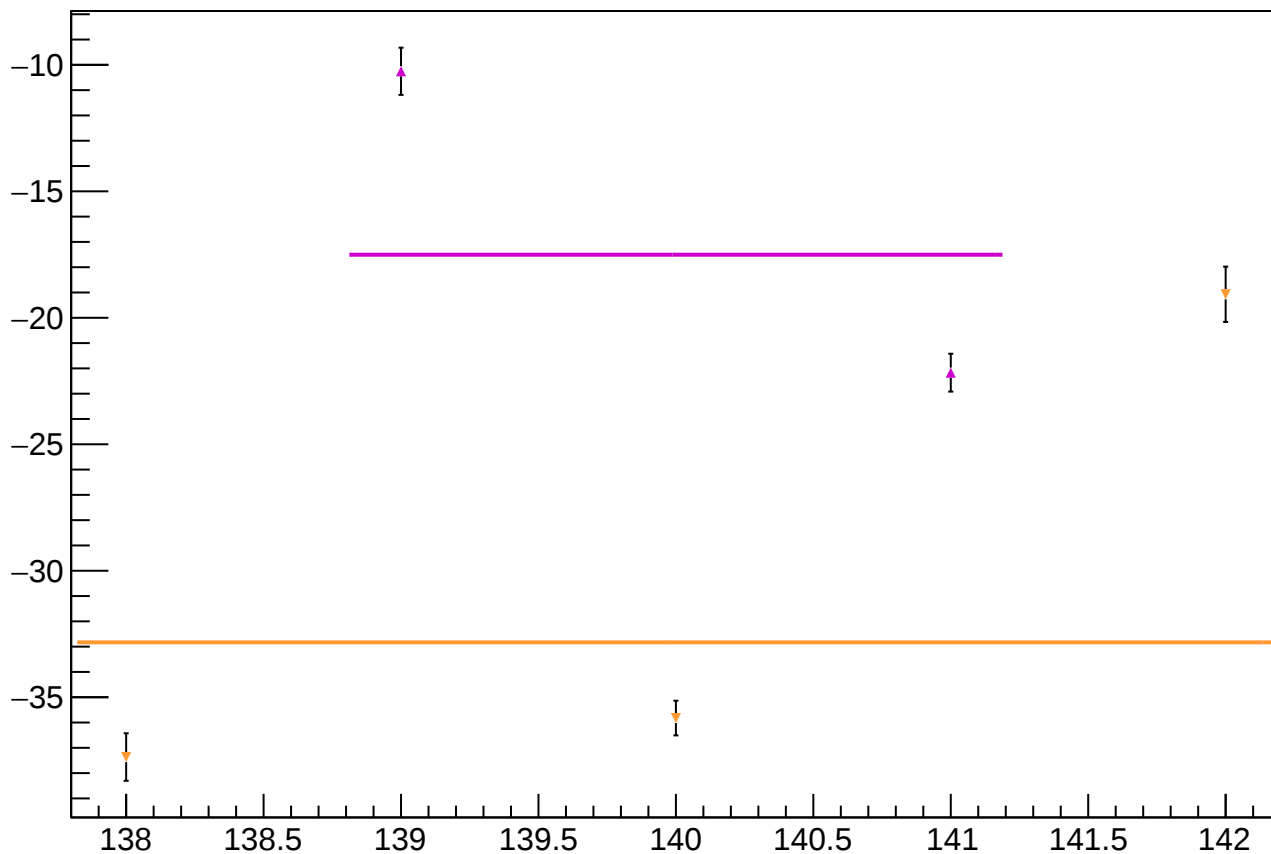
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.086 ± 0.008 χ^2/NDF : 1335.4/18

Out: 0.050 ± 0.008 χ^2/NDF : 1825.9/20

All: 0.068 ± 0.005 χ^2/NDF : 3172.4/39

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.831+/-0.494 χ^2/NDF :200.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.506+/-0.584 χ^2/NDF :99.2/1

Left: -26.440+/-0.377 χ^2/NDF : 701.9/4

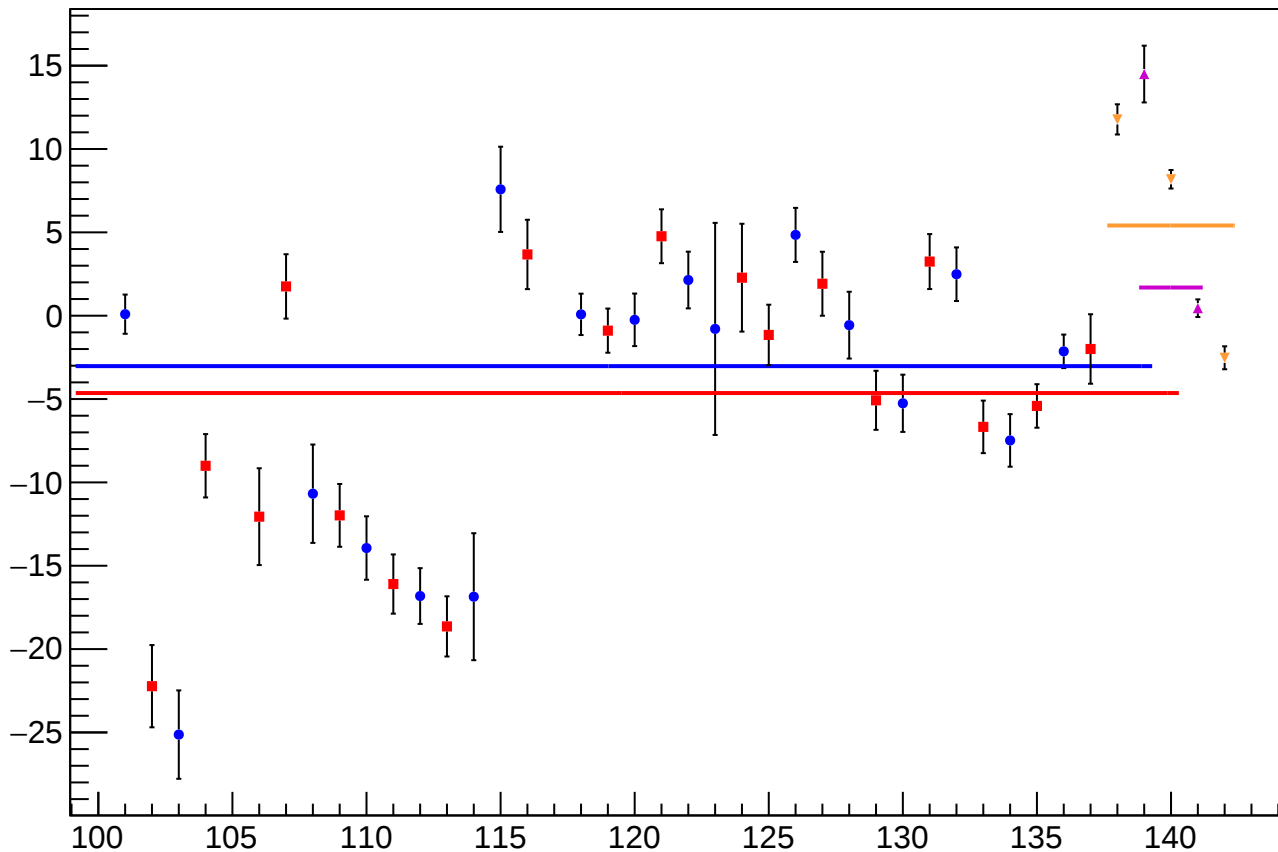
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.506+/-0.584 χ^2/NDF :99.2/1

Out: -32.831+/-0.494 χ^2/NDF :200.9/2

All: -26.440+/-0.377 χ^2/NDF : 701.9/4

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 5.411 ± 0.390 χ^2/NDF : 207.1/2

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

Left: 4.025 ± 0.309 χ^2/NDF : 303.0/4

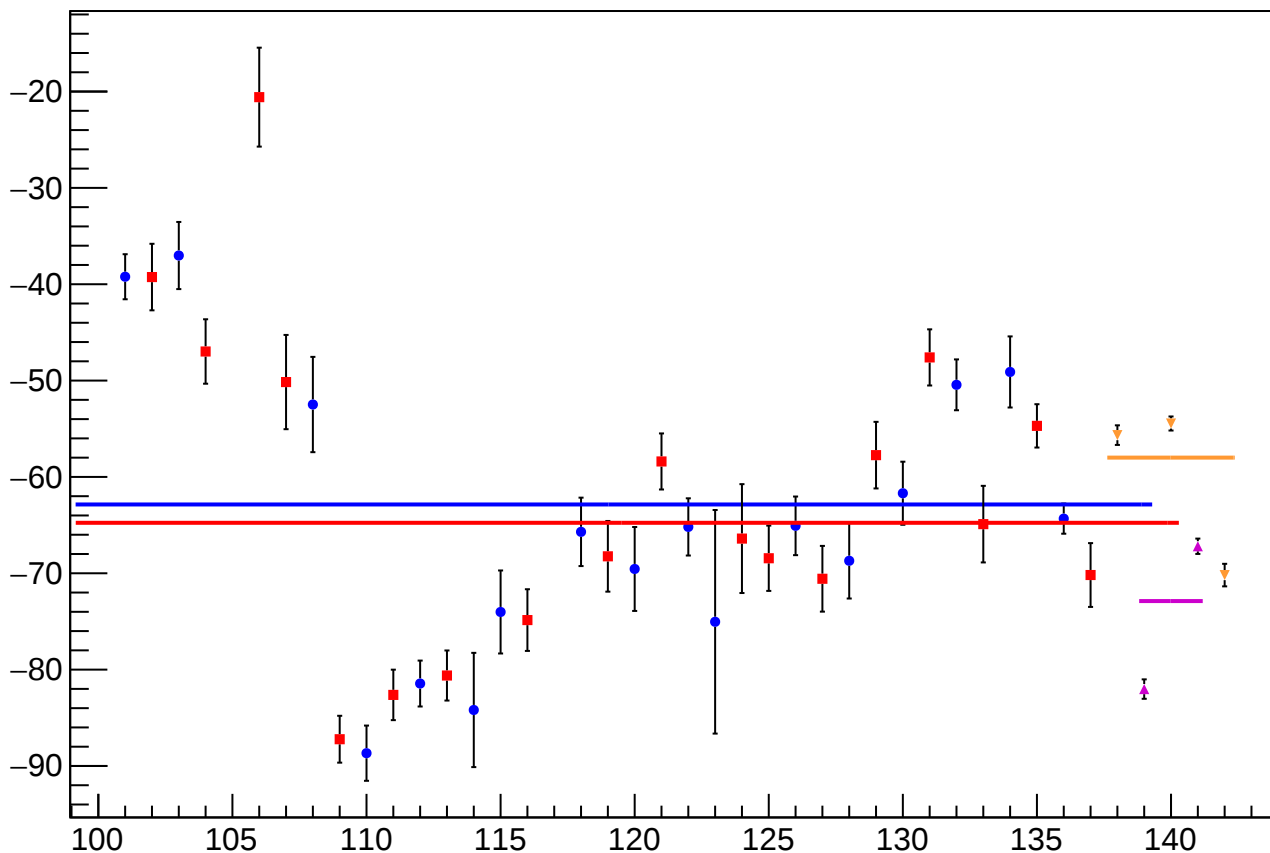
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -1.167 ± 0.318 χ^2/NDF : 395.3/18

Out: 0.833 ± 0.288 χ^2/NDF : 804.3/20

All: -0.069 ± 0.213 χ^2/NDF : 1221.3/39

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -57.995 $\pm$ 0.529 χ^2 /NDF:137.5/2

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -72.885 $\pm$ 0.625 χ^2 /NDF:133.1/1

Left: -64.210 $\pm$ 0.404 χ^2 /NDF: 601.6/4

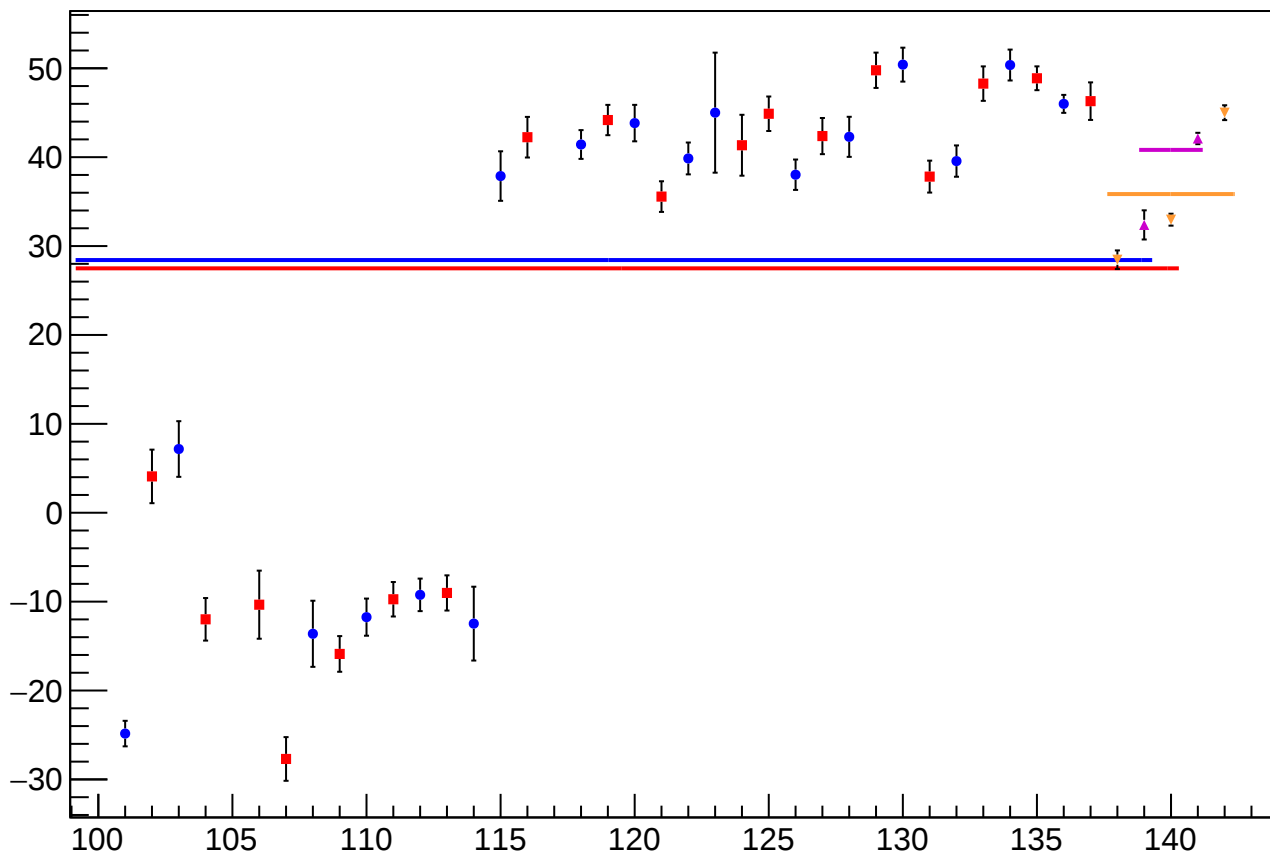
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -68.706 $\pm$ 0.477 χ^2 /NDF:608.2/18

Out: -60.230 $\pm$ 0.433 χ^2 /NDF:607.7/20

All: -64.056 $\pm$ 0.321 χ^2 /NDF: 1389.1/39

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 35.849 $\pm$ 0.468 χ^2 /NDF:188.1/2

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.819 $\pm$ 0.596 χ^2 /NDF:30.5/1

Left: 37.747 $\pm$ 0.368 χ^2 /NDF: 261.6/4

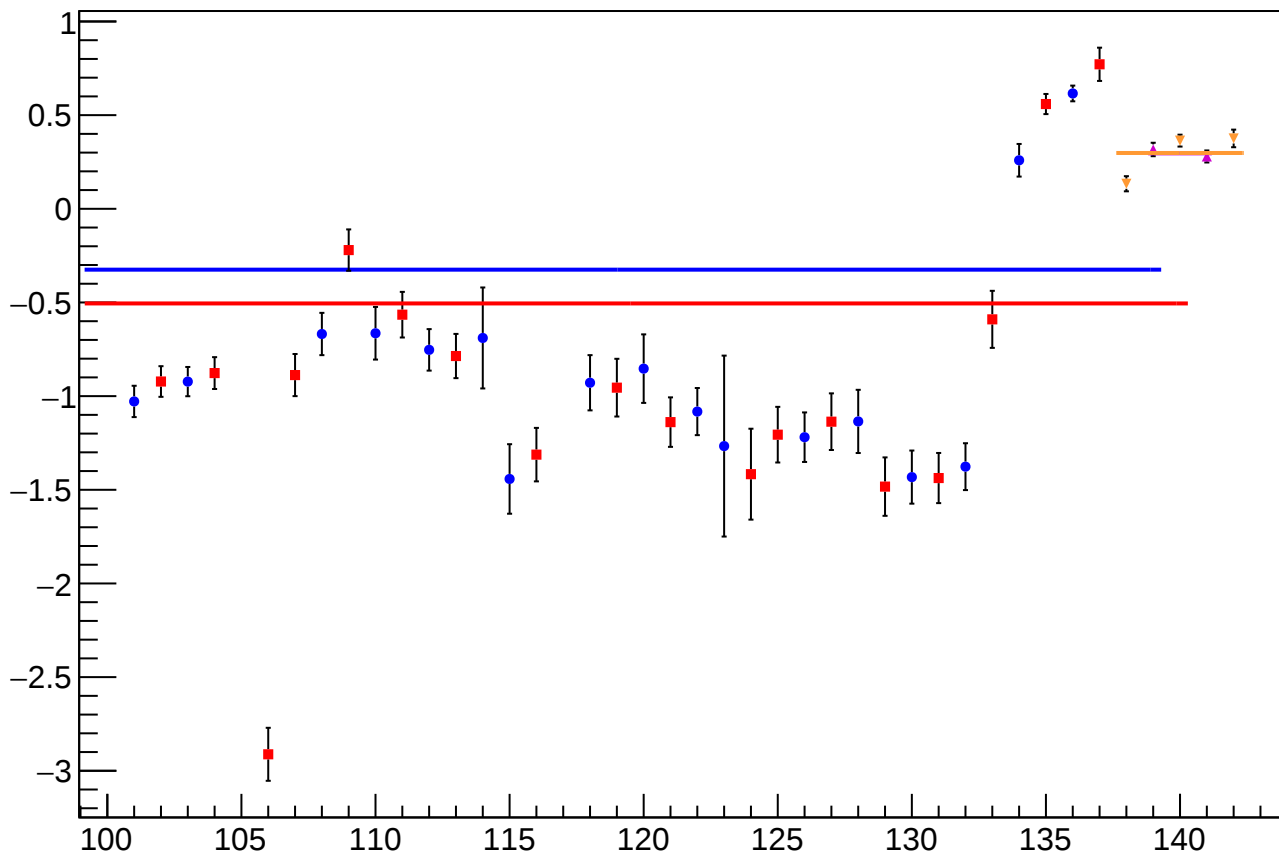
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 33.026 $\pm$ 0.363 χ^2 /NDF:3624.9/18

Out: 31.763 $\pm$ 0.335 χ^2 /NDF:3371.6/20

All: 32.344 $\pm$ 0.246 χ^2 /NDF: 7003.0/39

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.298 ± 0.022 χ^2/NDF : 23.6/2

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.296 ± 0.024 χ^2/NDF : 0.6/1

Left: 0.297 ± 0.016 χ^2/NDF : 24.2/4

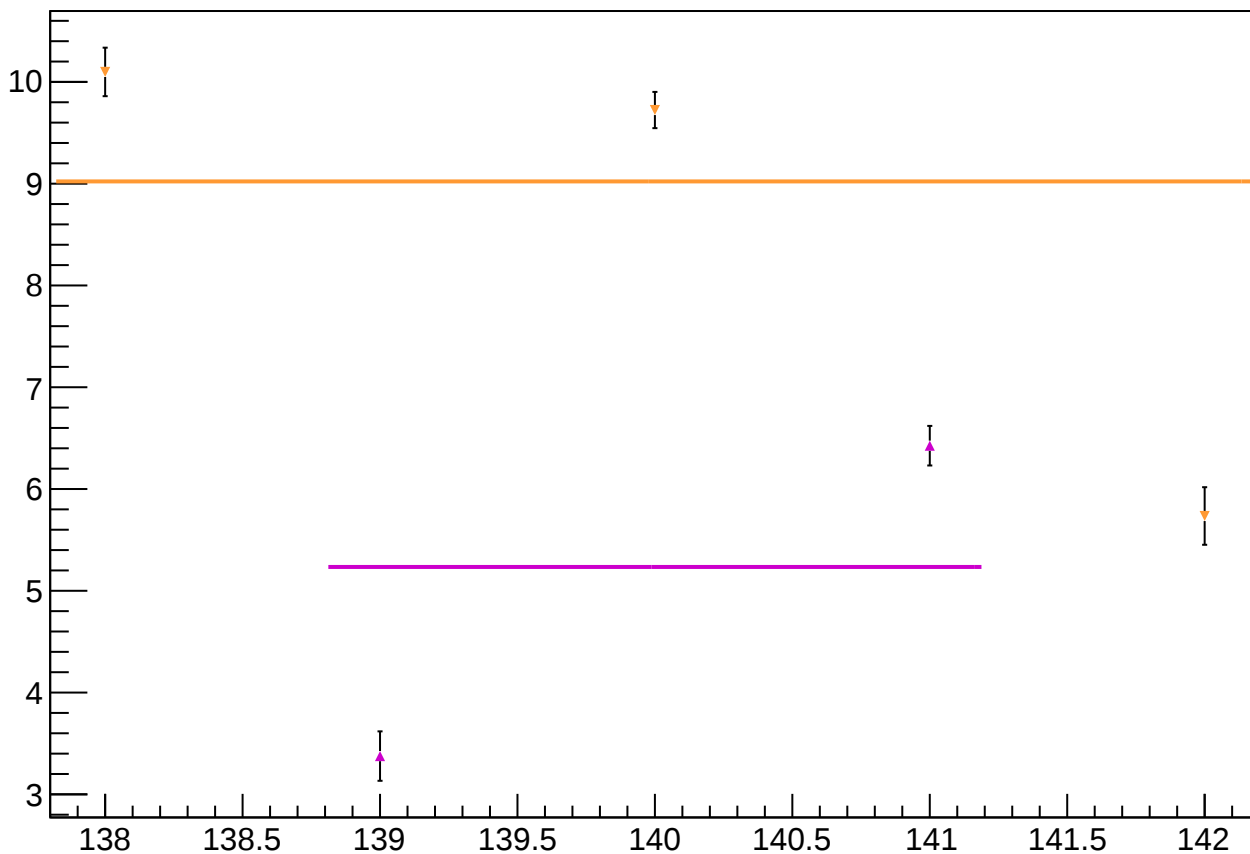
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: -0.042 ± 0.017 χ^2/NDF : 1747.7/20

All: -0.022 ± 0.012 χ^2/NDF : 3085.4/39

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.022+/-0.127 χ^2/NDF :170.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.234+/-0.152 χ^2/NDF :96.1/1

Left: 7.457+/-0.098 χ^2/NDF : 632.6/4

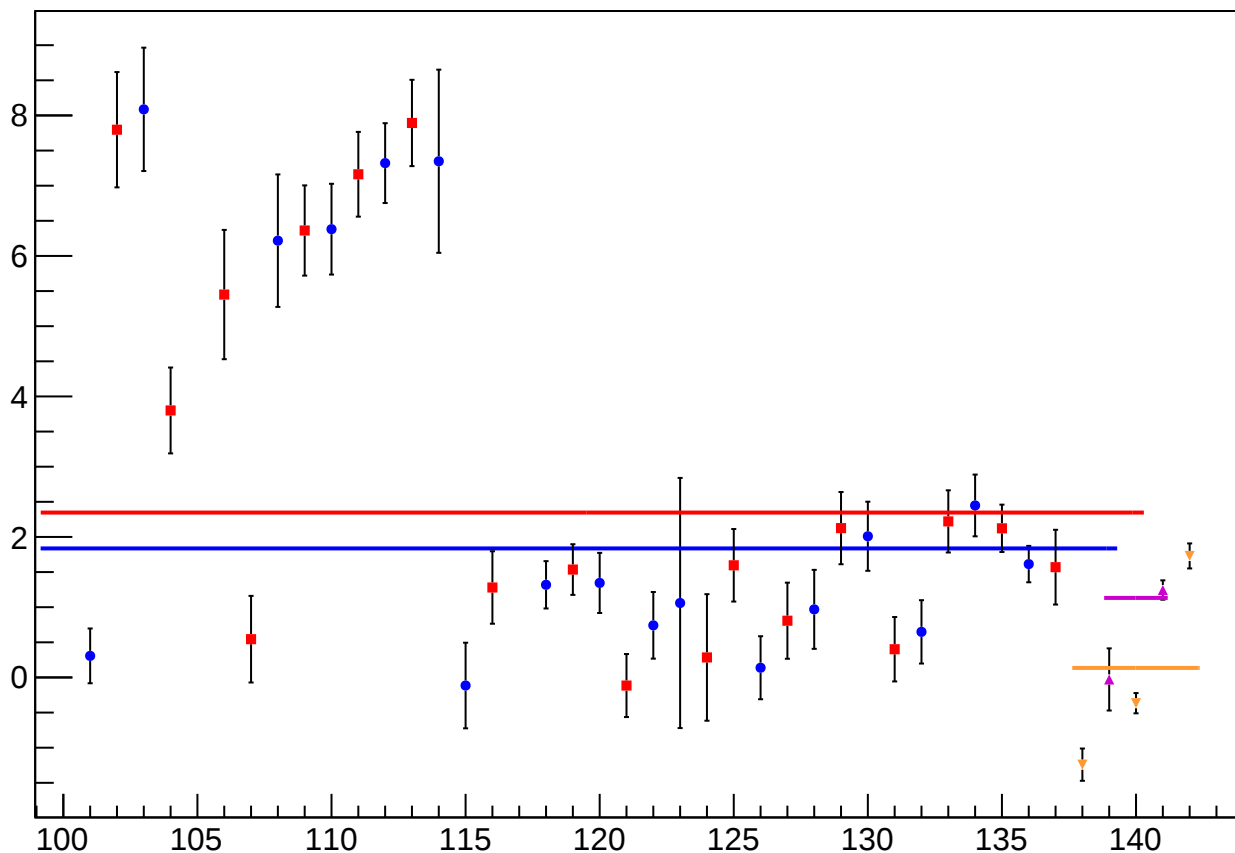
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.234+/-0.152 χ^2/NDF :96.1/1

Out: 9.022+/-0.127 χ^2/NDF :170.9/2

All: 7.457+/-0.098 χ^2/NDF : 632.6/4

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 0.136 ± 0.101 χ^2/NDF : 128.2/2

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.132 ± 0.131 χ^2/NDF : 7.6/1

Left: 0.504 ± 0.080 χ^2/NDF : 171.9/4

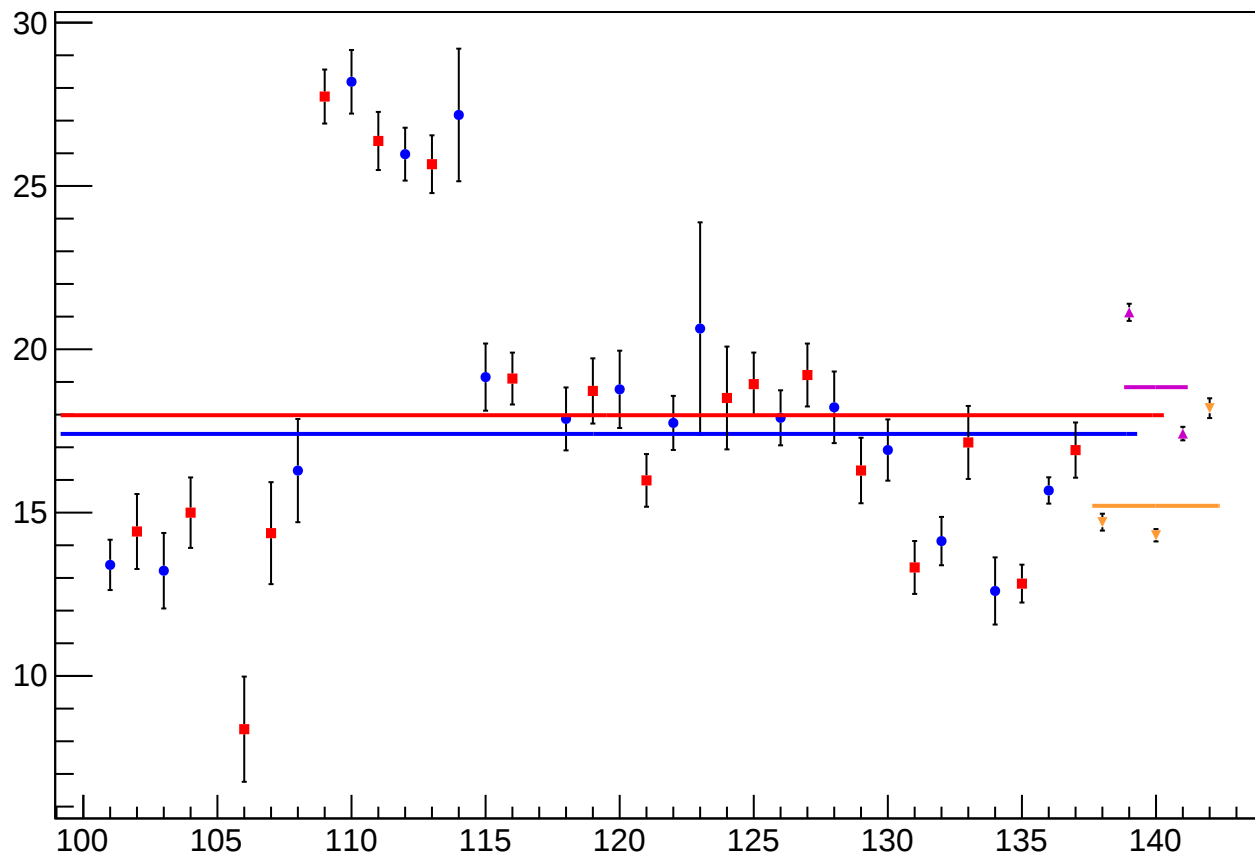
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.528 ± 0.087 χ^2/NDF : 317.8/18

Out: 1.027 ± 0.078 χ^2/NDF : 652.3/20

All: 1.250 ± 0.058 χ^2/NDF : 988.4/39

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.208 $\pm$ 0.136 χ^2 /NDF:123.9/2

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 18.840 $\pm$ 0.162 χ^2 /NDF:123.4/1

Left: 16.710 $\pm$ 0.104 χ^2 /NDF: 540.4/4

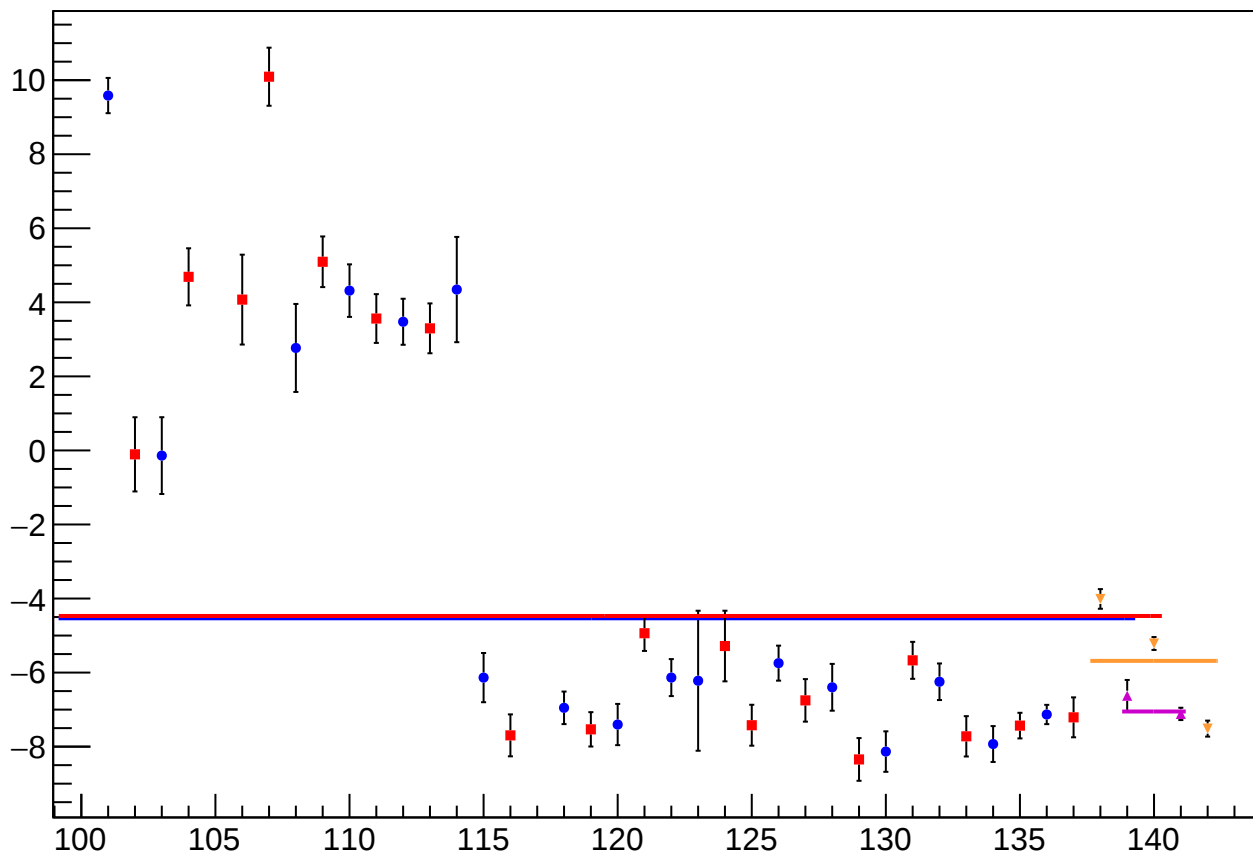
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 15.982 $\pm$ 0.116 χ^2 /NDF:729.9/20

All: 17.022 $\pm$ 0.086 χ^2 /NDF: 1427.6/39

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533+/-0.130 χ^2/NDF : 1588.4/16

Left Out: -5.684+/-0.121 χ^2/NDF :118.5/2

Right Out: -4.471+/-0.137 χ^2/NDF : 1339.3/17

Left In: -7.051+/-0.155 χ^2/NDF :1.1/1

Left: -6.202+/-0.095 χ^2/NDF : 168.1/4

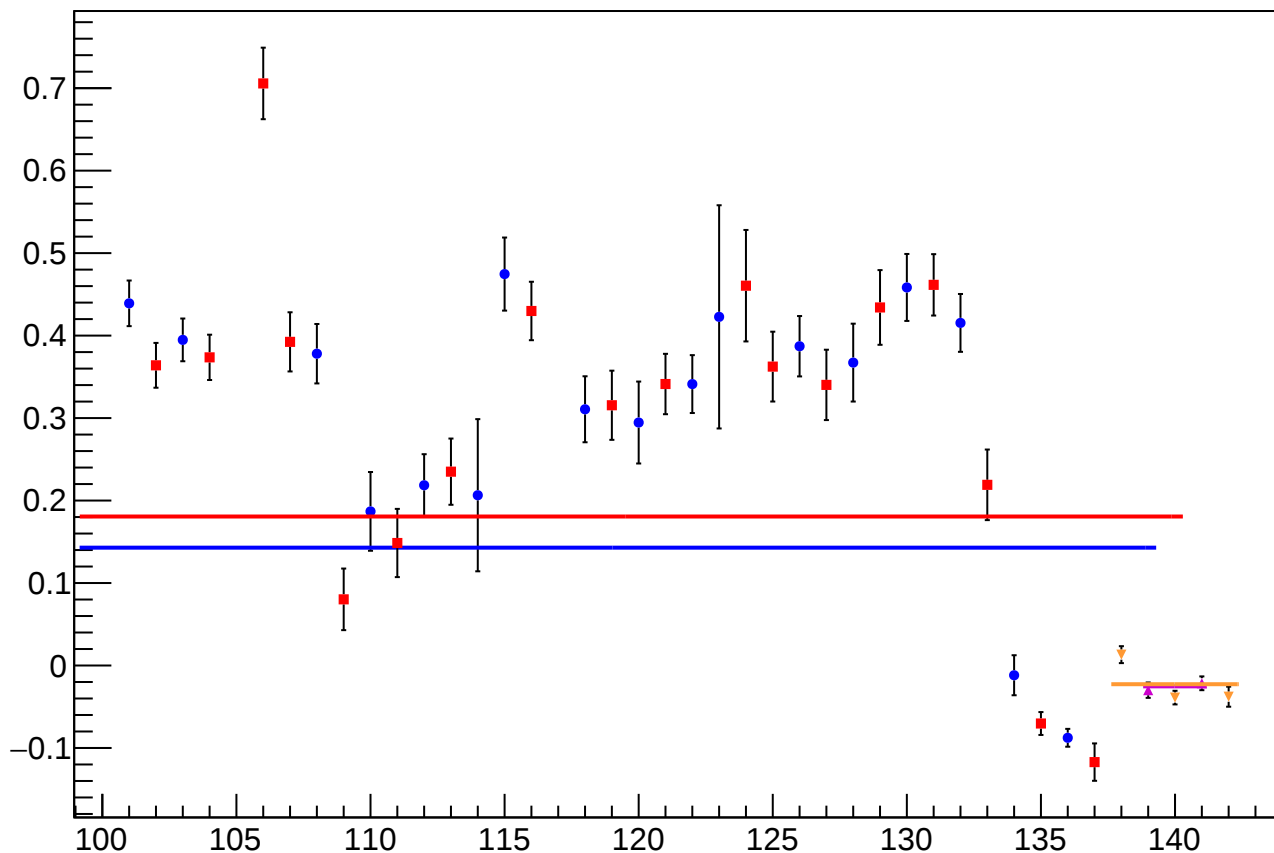
Right: -4.504+/-0.094 χ^2/NDF : 2927.8/34

In: -5.571+/-0.099 χ^2/NDF :1745.0/18

Out: -5.153+/-0.091 χ^2/NDF :1501.9/20

All: -5.343+/-0.067 χ^2/NDF : 3256.5/39

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.023 $\pm$ 0.006 χ^2 /NDF:17.6/2

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: -0.025 $\pm$ 0.006 χ^2 /NDF:0.4/1

Left: -0.024 $\pm$ 0.004 χ^2 /NDF: 18.1/4

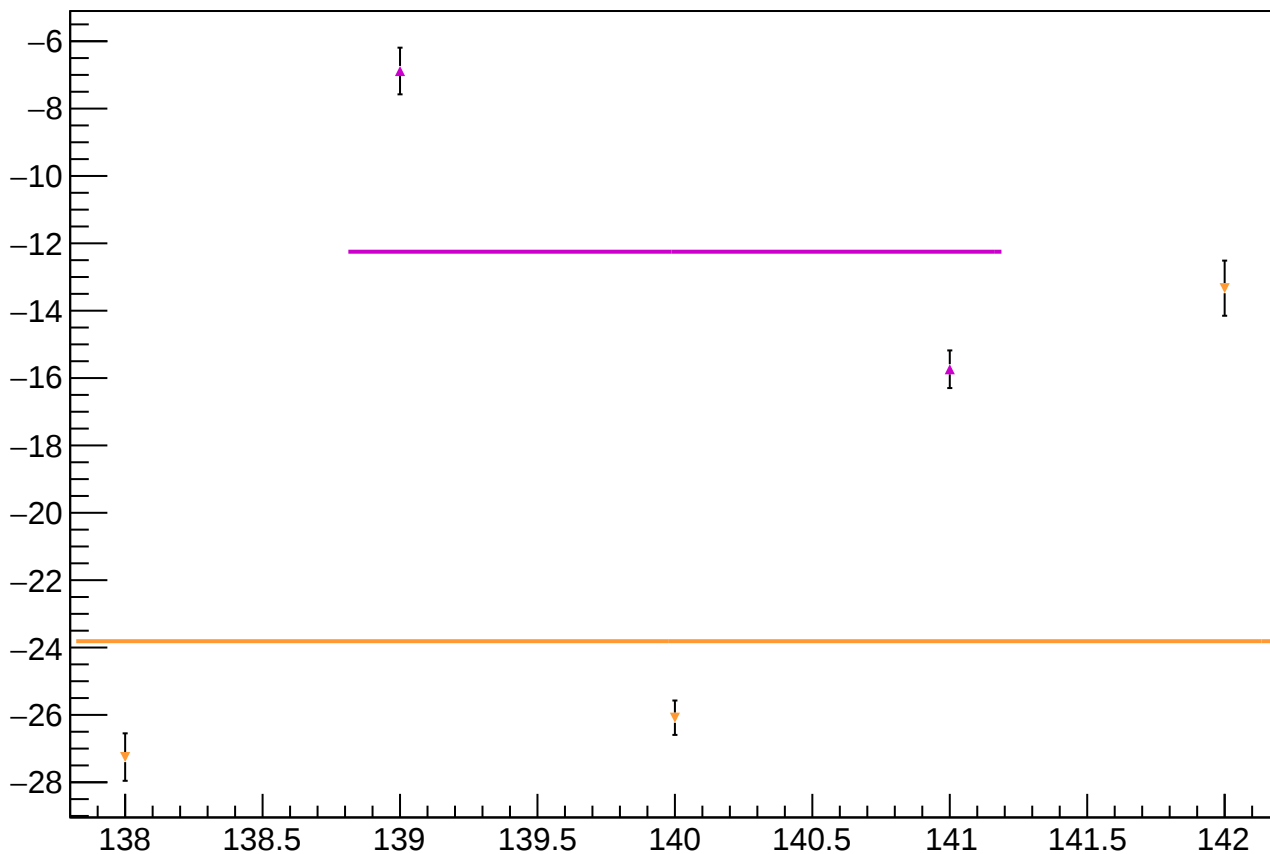
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.048 $\pm$ 0.005 χ^2 /NDF:1378.7/18

Out: 0.053 $\pm$ 0.005 χ^2 /NDF:1495.4/20

All: 0.051 $\pm$ 0.003 χ^2 /NDF: 2874.6/39

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.812+/-0.369 χ^2/NDF :207.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.249+/-0.435 χ^2/NDF :99.0/1

Left: -18.971+/-0.281 χ^2/NDF : 717.6/4

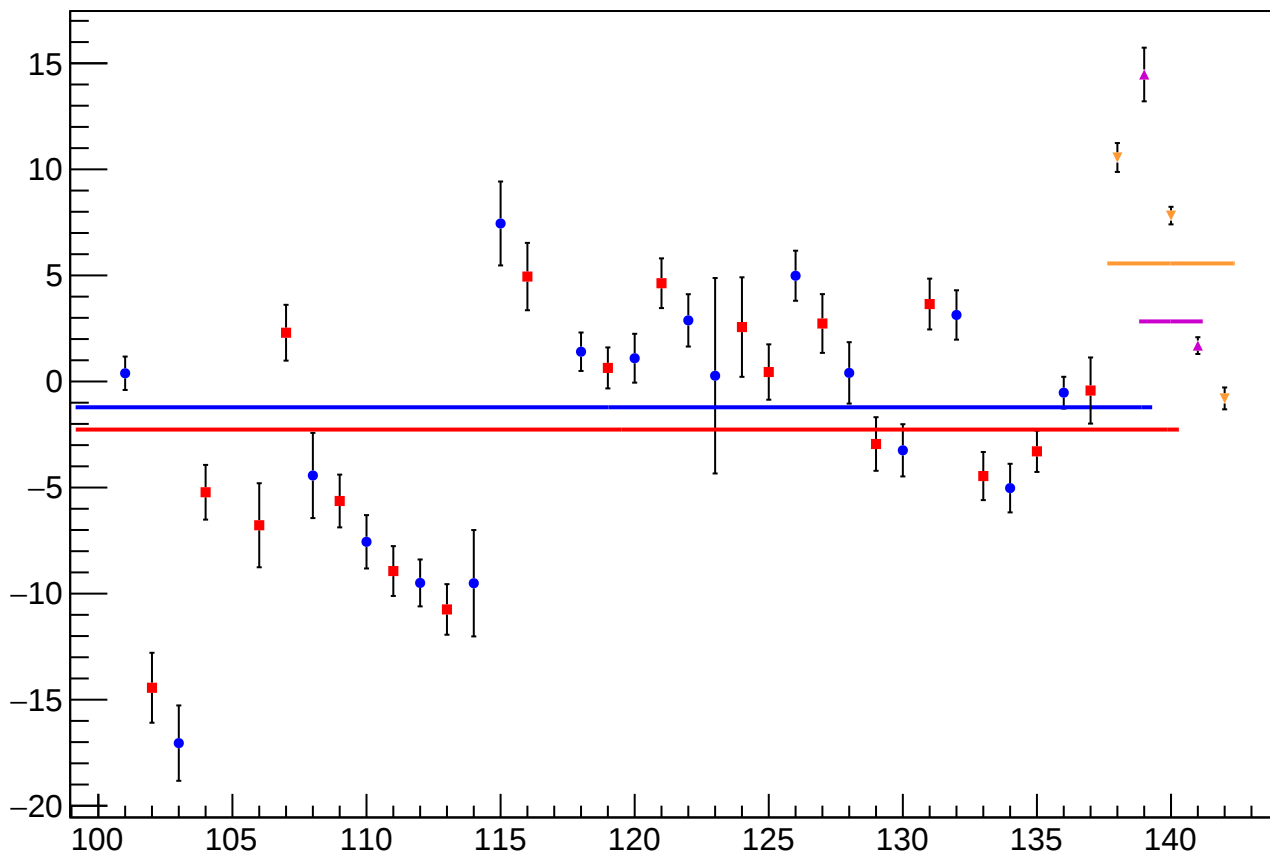
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.249+/-0.435 χ^2/NDF :99.0/1

Out: -23.812+/-0.369 χ^2/NDF :207.6/2

All: -18.971+/-0.281 χ^2/NDF : 717.6/4

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 5.565 $\pm$ 0.292 χ^2 /NDF:235.6/2

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 2.832 $\pm$ 0.378 χ^2 /NDF:93.0/1

Left: 4.544 $\pm$ 0.231 χ^2 /NDF: 361.3/4

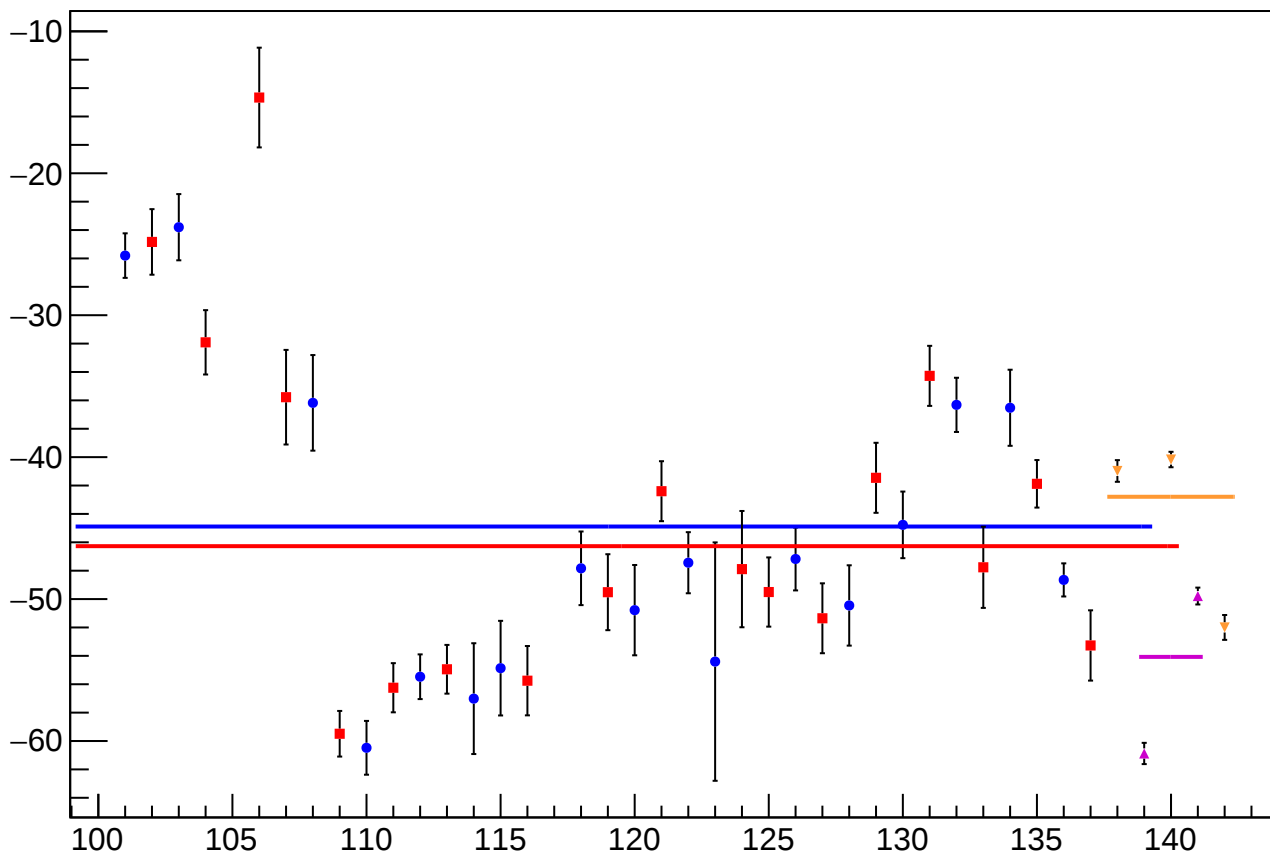
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 0.288 $\pm$ 0.230 χ^2 /NDF:443.8/18

Out: 1.790 $\pm$ 0.210 χ^2 /NDF:866.8/20

All: 1.108 $\pm$ 0.155 χ^2 /NDF: 1333.8/39

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -42.792 ± 0.395 χ^2/NDF : 139.4/2

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -54.073 ± 0.465 χ^2/NDF : 134.7/1

Left: -47.520 ± 0.301 χ^2/NDF : 615.5/4

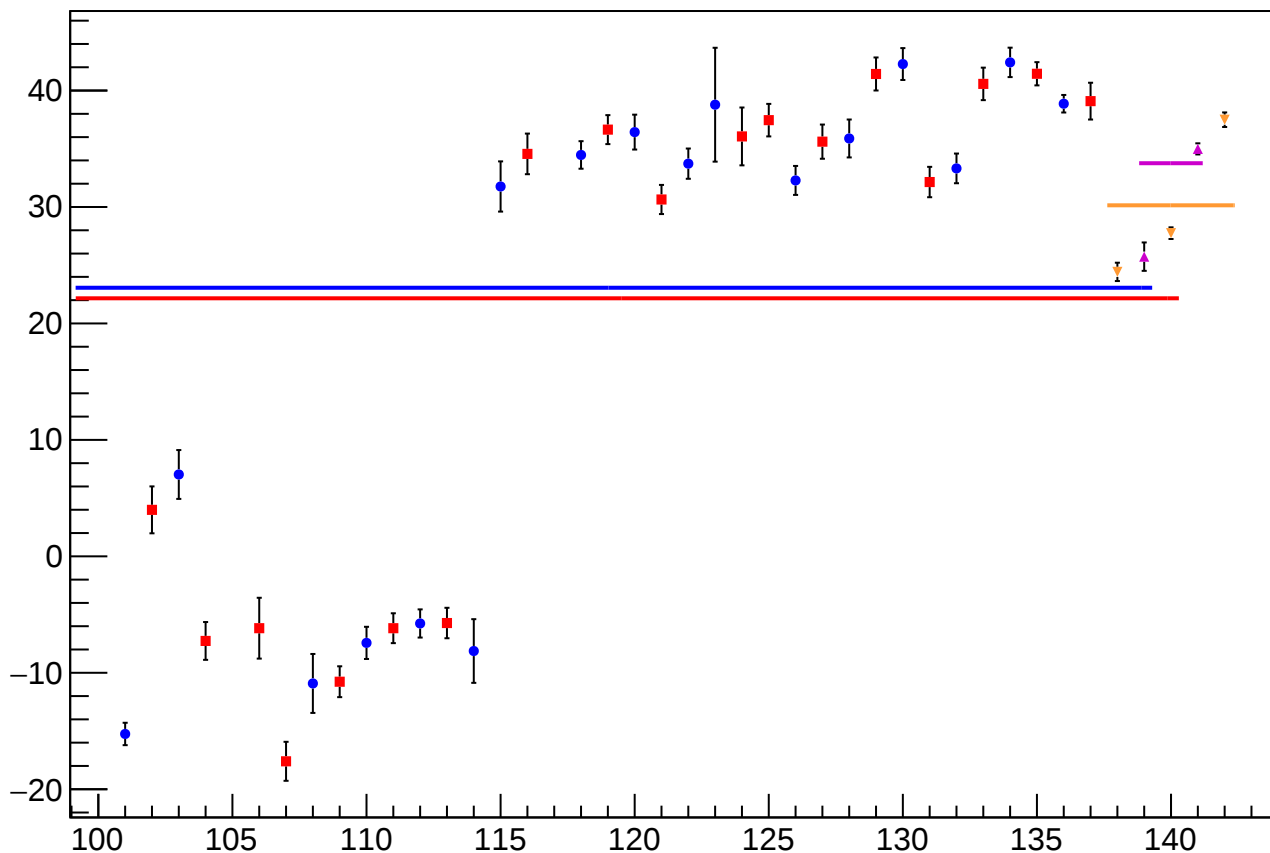
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -50.017 ± 0.348 χ^2/NDF : 727.2/18

Out: -44.037 ± 0.317 χ^2/NDF : 587.7/20

All: -46.749 ± 0.234 χ^2/NDF : 1476.5/39

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066+/-0.327 χ^2 /NDF: 4333.5/16

Left Out: 30.145+/-0.350 χ^2 /NDF:213.5/2

Right Out: 22.159+/-0.340 χ^2 /NDF: 4025.5/17

Left In: 33.759+/-0.445 χ^2 /NDF:50.0/1

Left: 31.529+/-0.275 χ^2 /NDF: 304.3/4

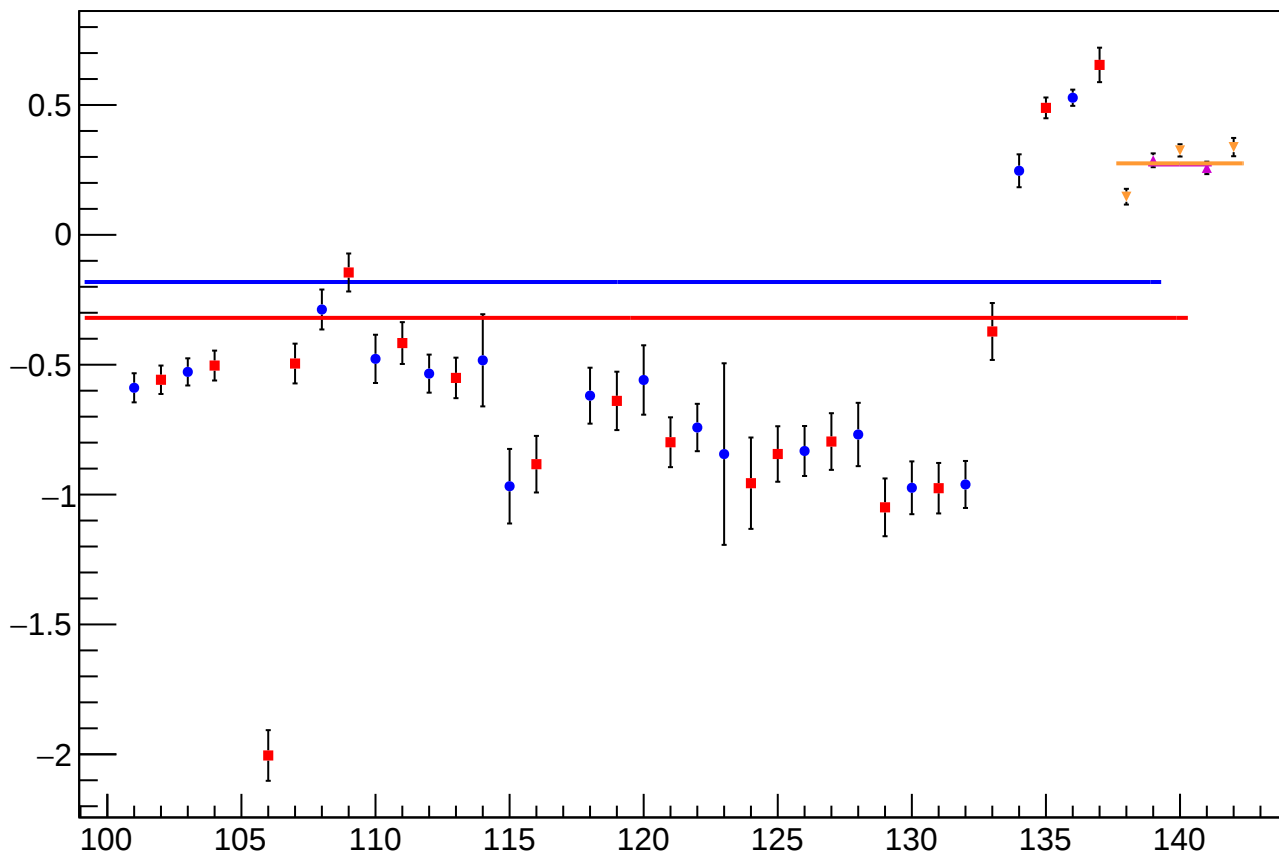
Right: 22.631+/-0.236 χ^2 /NDF: 8362.7/34

In: 26.813+/-0.263 χ^2 /NDF:4759.2/18

Out: 26.034+/-0.244 χ^2 /NDF:4506.7/20

All: 26.394+/-0.179 χ^2 /NDF: 9270.6/39

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.275 ± 0.016 χ^2/NDF : 25.6/2

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.271 ± 0.018 χ^2/NDF : 0.7/1

Left: 0.273 ± 0.012 χ^2/NDF : 26.3/4

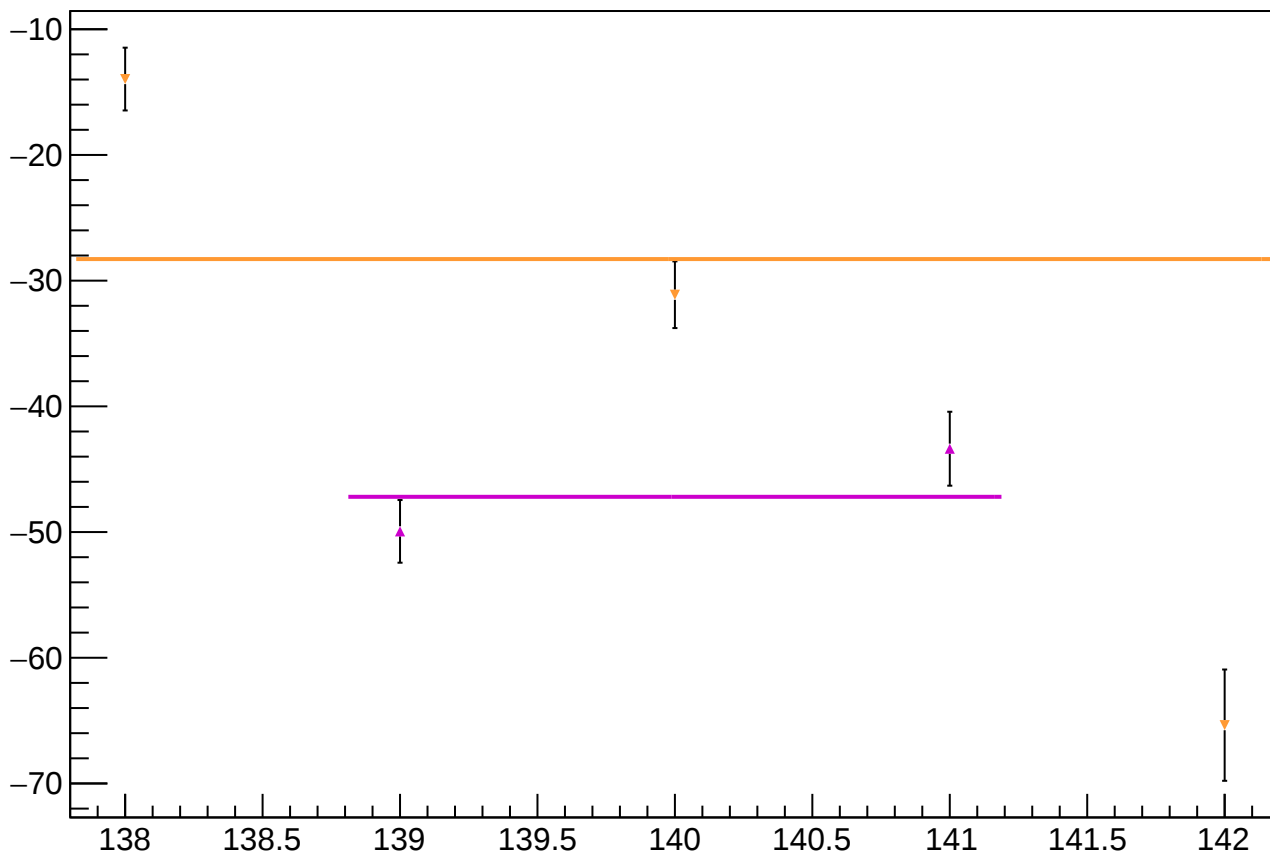
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.043 ± 0.013 χ^2/NDF : 1321.1/18

Out: 0.007 ± 0.012 χ^2/NDF : 1789.6/20

All: 0.025 ± 0.009 χ^2/NDF : 3114.9/39

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.283+/-1.682 χ^2/NDF :104.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.195+/-1.902 χ^2/NDF :2.9/1

Left: -36.585+/-1.260 χ^2/NDF : 162.6/4

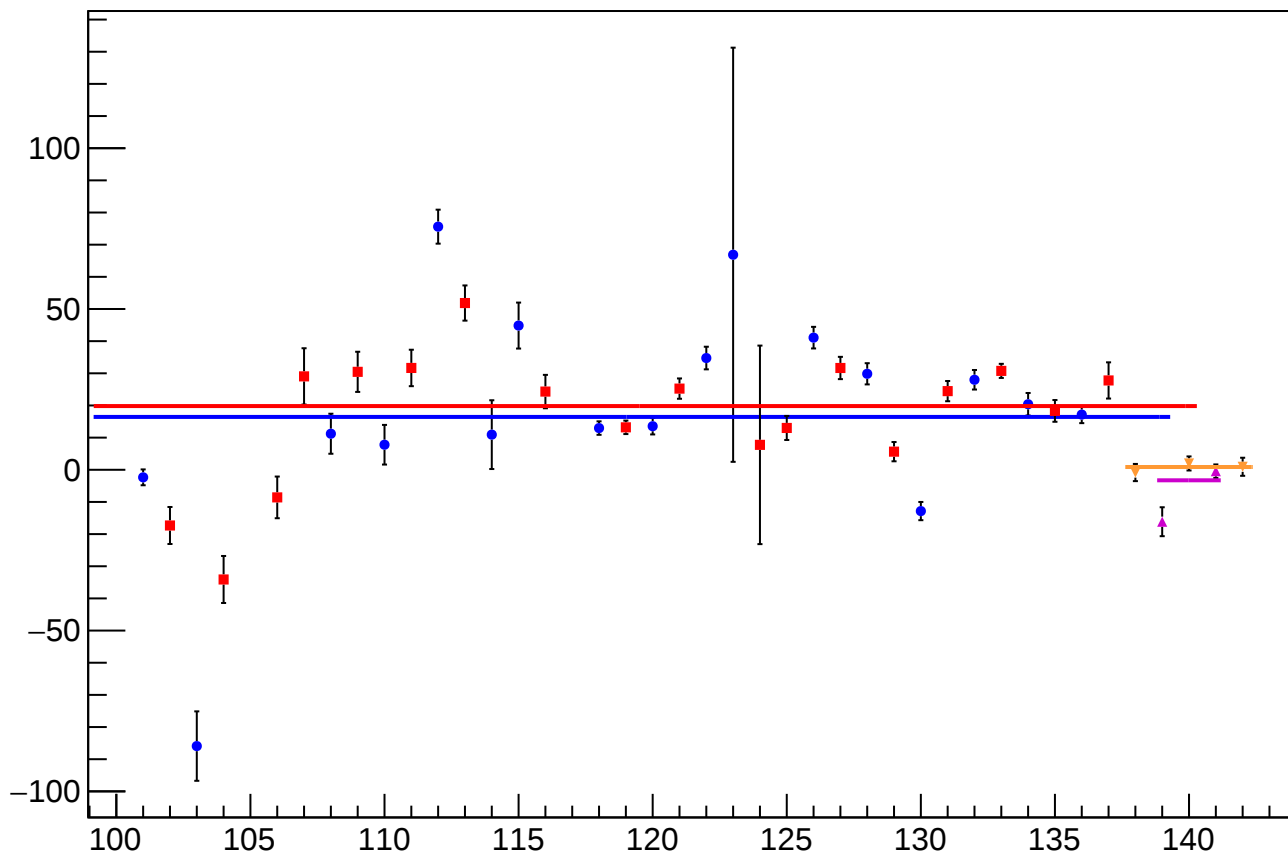
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.195+/-1.902 χ^2/NDF :2.9/1

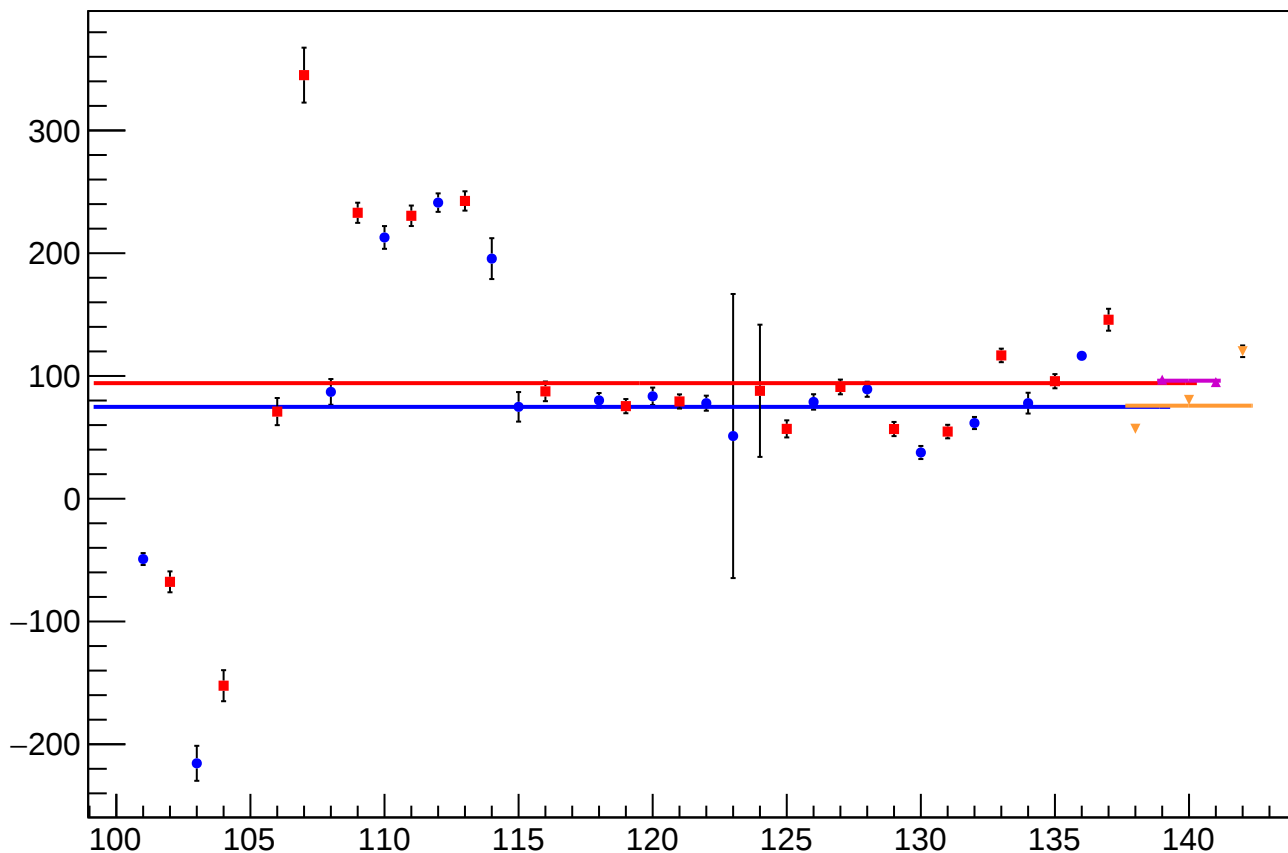
Out: -28.283+/-1.682 χ^2/NDF :104.2/2

All: -36.585+/-1.260 χ^2/NDF : 162.6/4

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 75.811 $\pm$ 1.808 χ^2 /NDF:138.4/2

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 96.157 $\pm$ 2.043 χ^2 /NDF:0.2/1

Left: 84.746 $\pm$ 1.354 χ^2 /NDF: 194.3/4

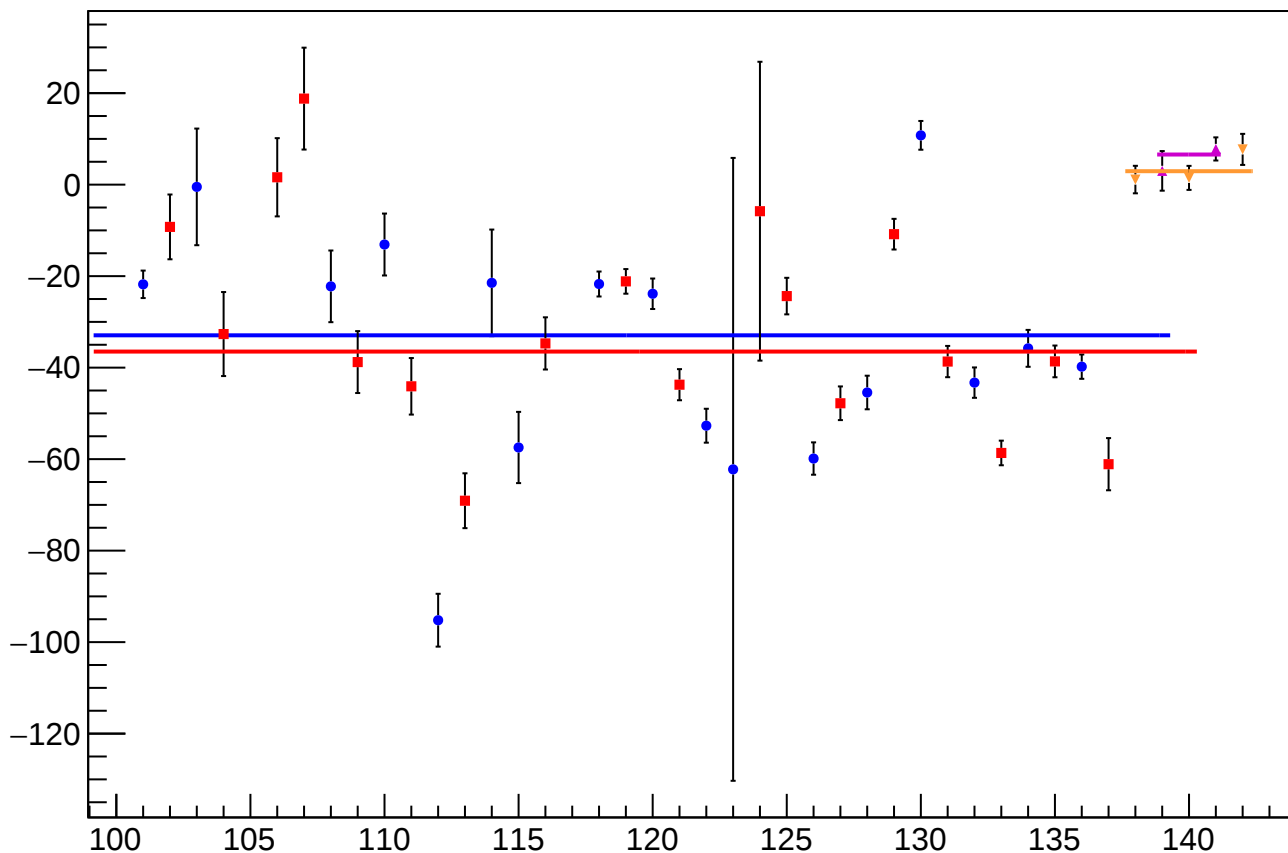
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 83.175 $\pm$ 1.278 χ^2 /NDF:2063.4/18

Out: 85.438 $\pm$ 1.246 χ^2 /NDF:2161.7/20

All: 84.335 $\pm$ 0.892 χ^2 /NDF: 4226.6/39

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.938 ± 1.709 χ^2/NDF : 2.7/2

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: 6.585 ± 2.184 χ^2/NDF : 0.9/1

Left: 4.323 ± 1.346 χ^2/NDF : 5.3/4

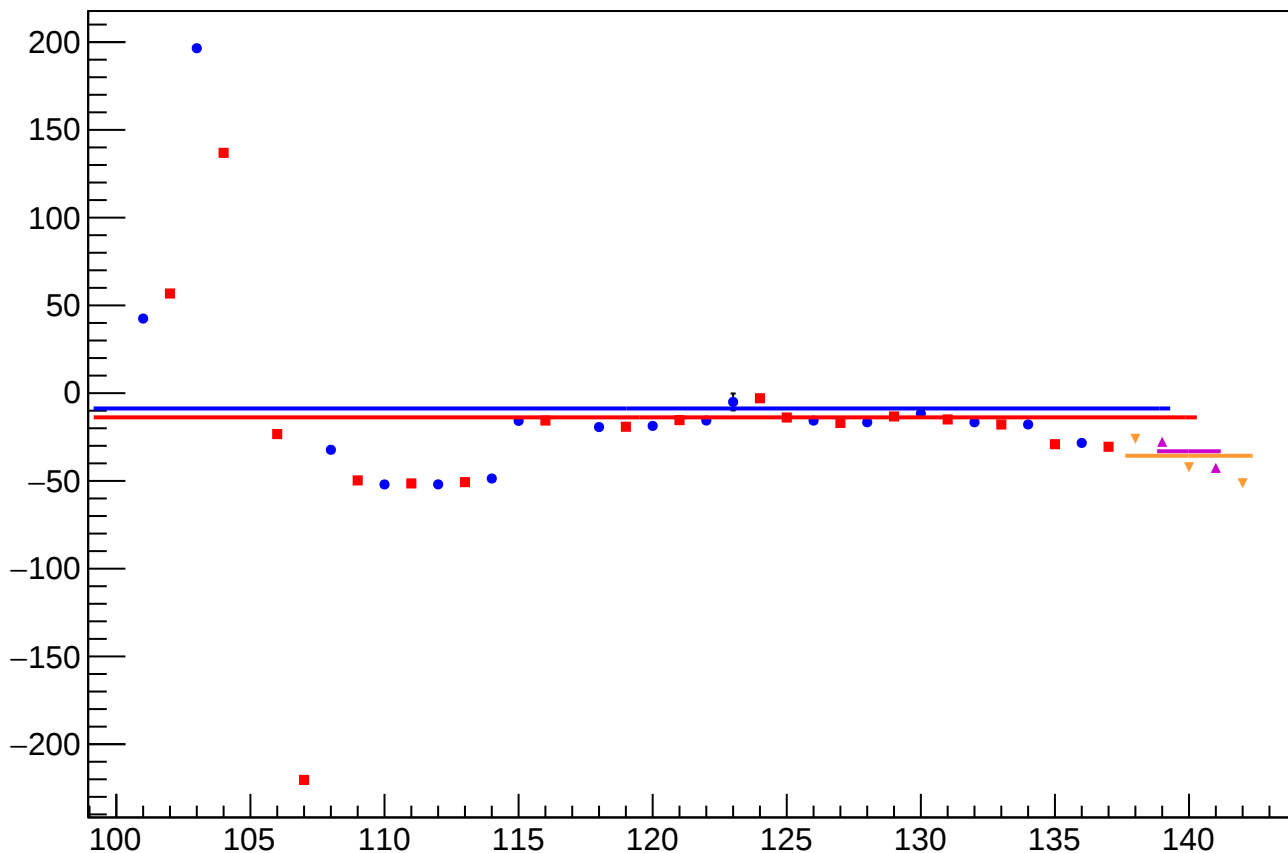
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -26.385 ± 0.889 χ^2/NDF : 764.9/18

Out: -26.031 ± 0.880 χ^2/NDF : 687.0/20

All: -26.206 ± 0.625 χ^2/NDF : 1452.0/39

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -35.664 ± 0.074 $\chi^2/\text{NDF}: 18091.2/2$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

Left: -34.421 ± 0.053 $\chi^2/\text{NDF}: 27538.4/4$

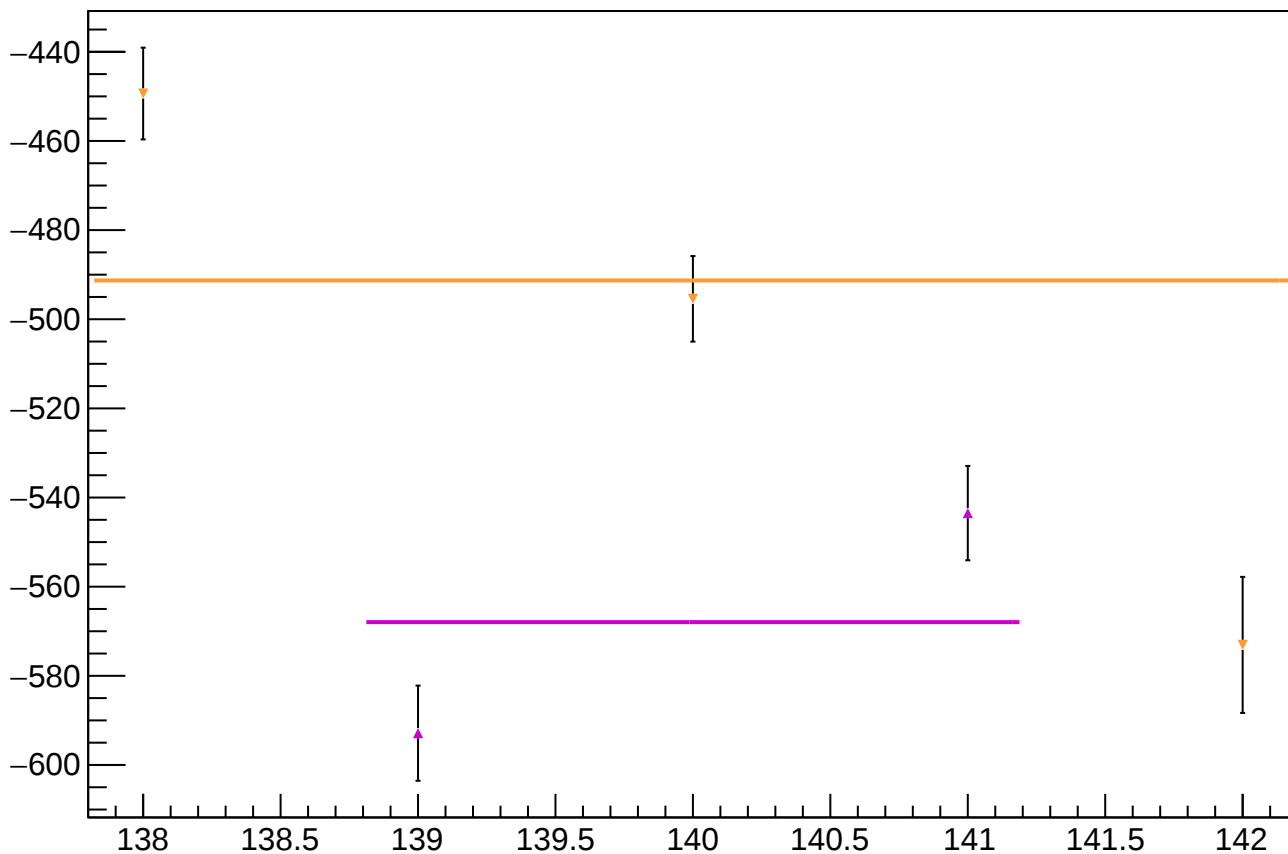
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -22.874 ± 0.047 $\chi^2/\text{NDF}: 618966.4/20$

All: -20.323 ± 0.033 $\chi^2/\text{NDF}: 1273710.4/39$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -491.295 $\pm$ 6.377 χ^2/NDF :45.5/2

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -567.954 $\pm$ 7.517 χ^2/NDF :10.8/1

Left: -523.380 $\pm$ 4.863 χ^2/NDF : 116.8/4

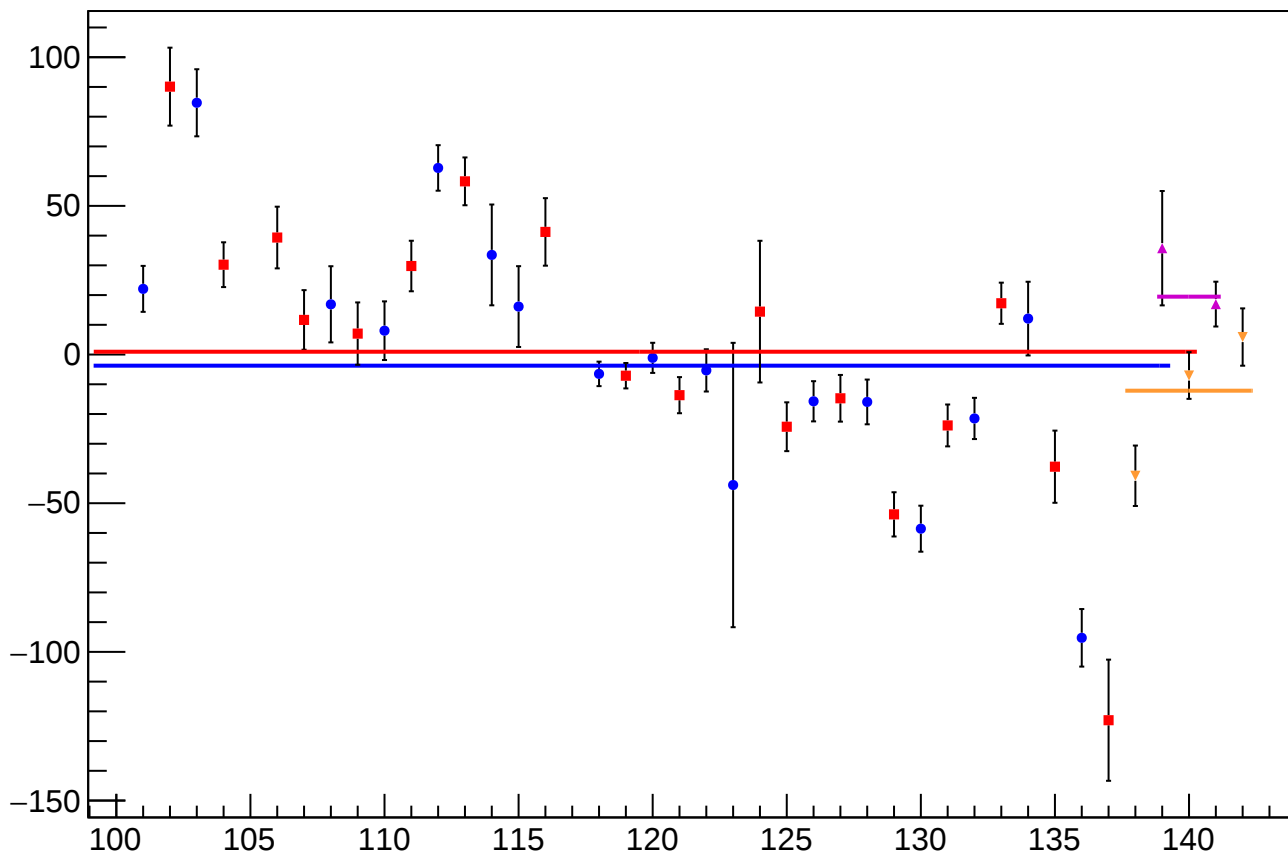
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -567.954 $\pm$ 7.517 χ^2/NDF :10.8/1

Out: -491.295 $\pm$ 6.377 χ^2/NDF :45.5/2

All: -523.380 $\pm$ 4.863 χ^2/NDF : 116.8/4

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -12.157 ± 5.222 χ^2/NDF : 11.9/2

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 19.468 ± 7.016 χ^2/NDF : 0.8/1

Left: -0.883 ± 4.189 χ^2/NDF : 25.8/4

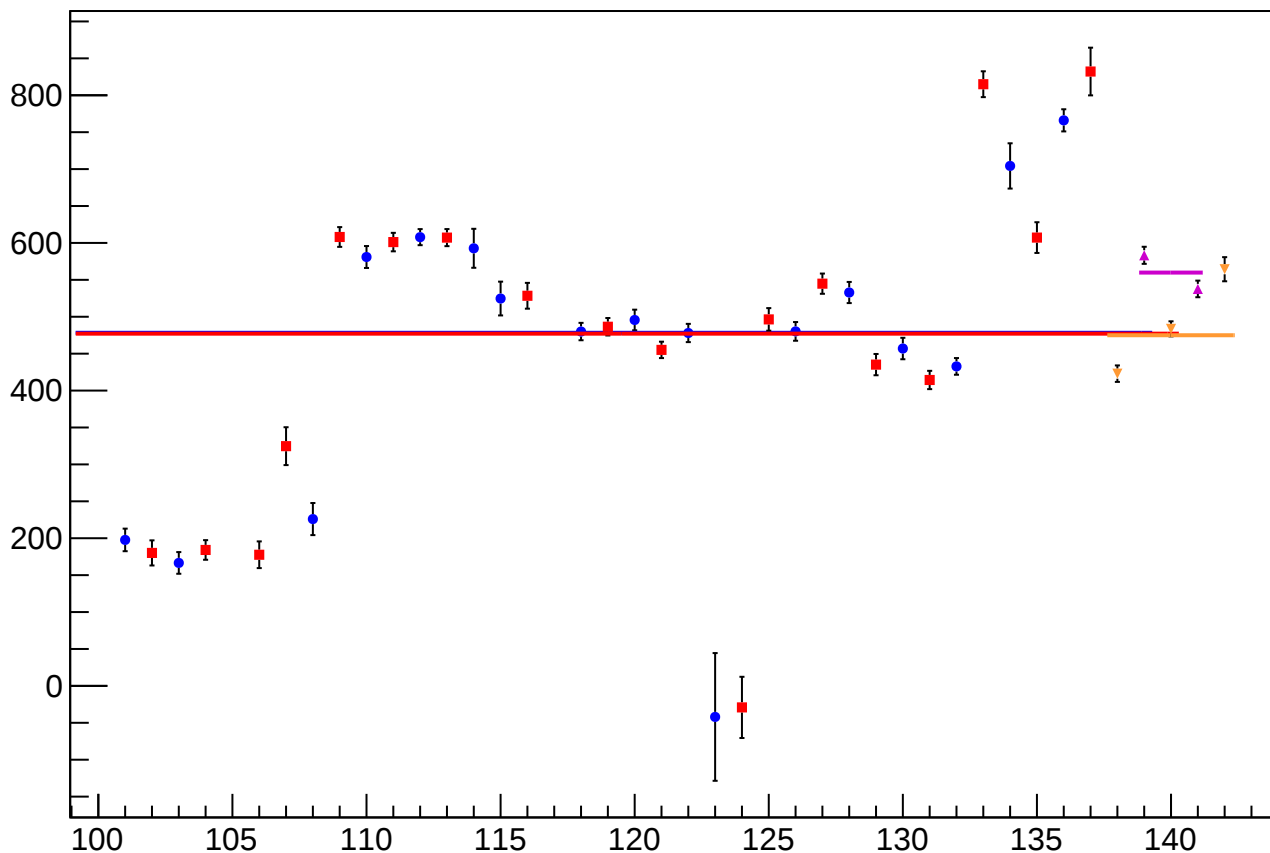
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.609 ± 1.800 χ^2/NDF : 311.1/20

All: -1.378 ± 1.282 χ^2/NDF : 636.6/39

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 474.954+/-6.843 χ^2/NDF : 52.4/2

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 559.827+/-8.063 χ^2/NDF : 8.0/1

Left: 510.485+/-5.217 χ^2/NDF : 124.8/4

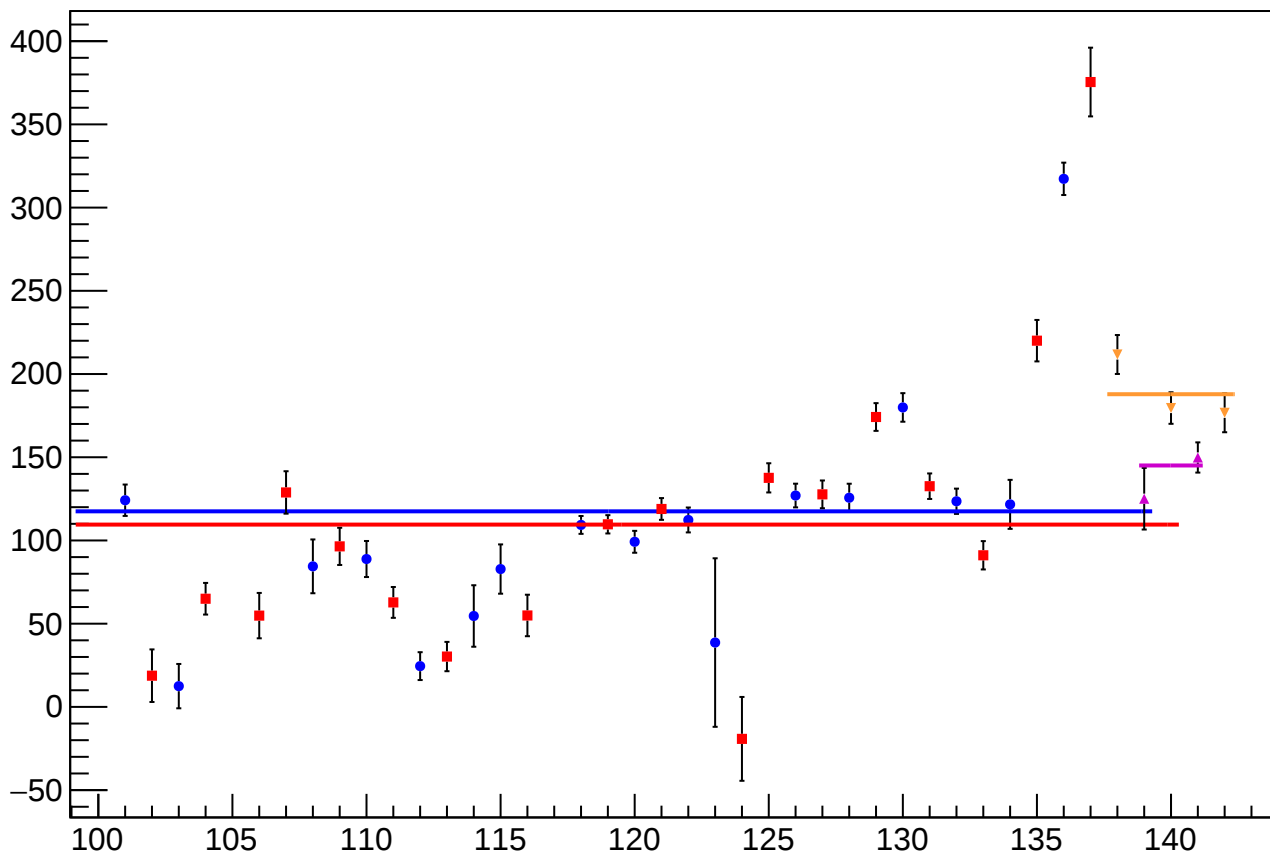
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 492.060+/-3.316 χ^2/NDF : 1720.9/18

Out: 476.647+/-3.145 χ^2/NDF : 2228.3/20

All: 483.946+/-2.282 χ^2/NDF : 3960.6/39

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 187.874 $\pm$ 6.230 χ^2 /NDF:5.8/2

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 145.058 $\pm$ 8.150 χ^2 /NDF:1.4/1

Left: 172.083 $\pm$ 4.949 χ^2 /NDF: 24.7/4

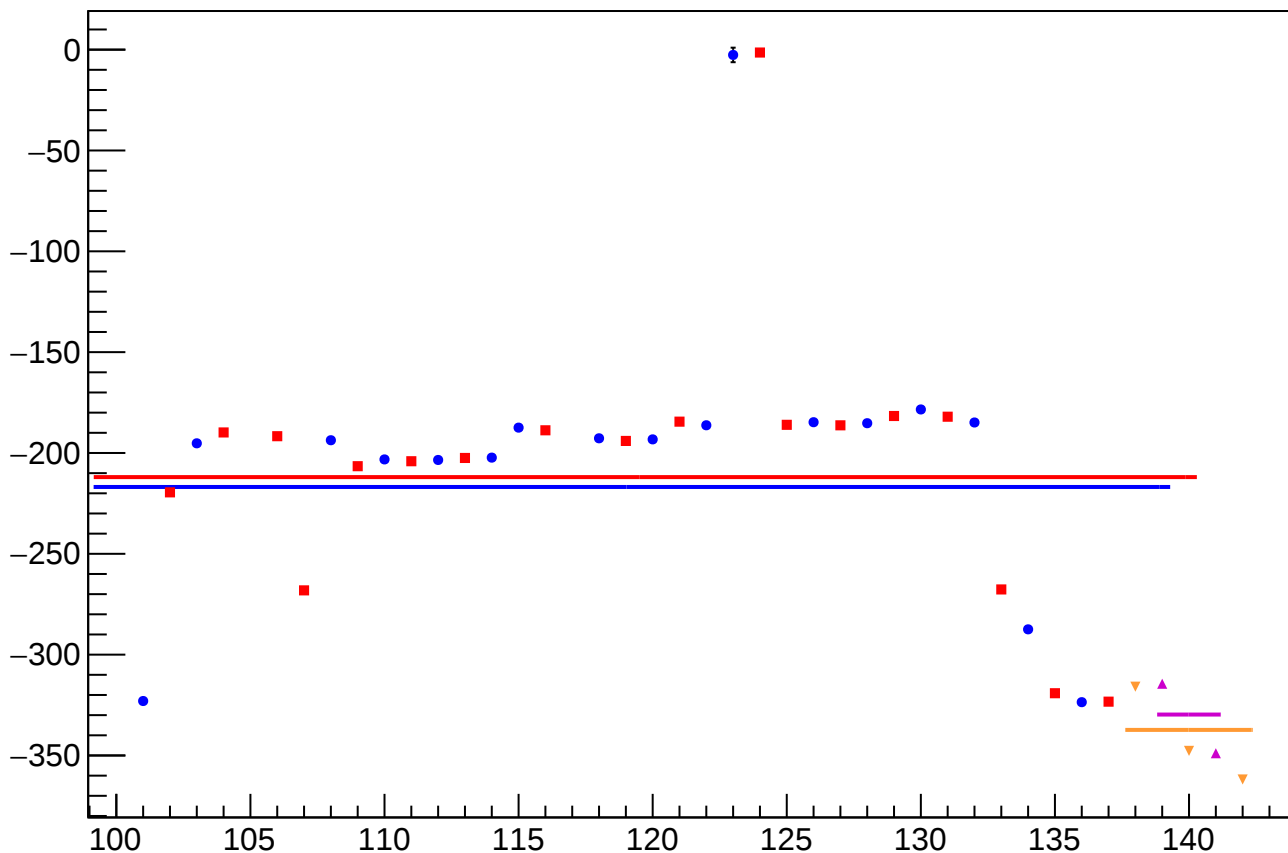
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 119.370 $\pm$ 2.122 χ^2 /NDF:718.0/18

Out: 118.281 $\pm$ 2.081 χ^2 /NDF:708.5/20

All: 118.815 $\pm$ 1.486 χ^2 /NDF: 1426.7/39

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -337.317+/-0.284 χ^2/NDF : 4275.5/2

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -329.705+/-0.304 χ^2/NDF : 3179.4/1

Left: -333.767+/-0.207 χ^2/NDF : 7790.2/4

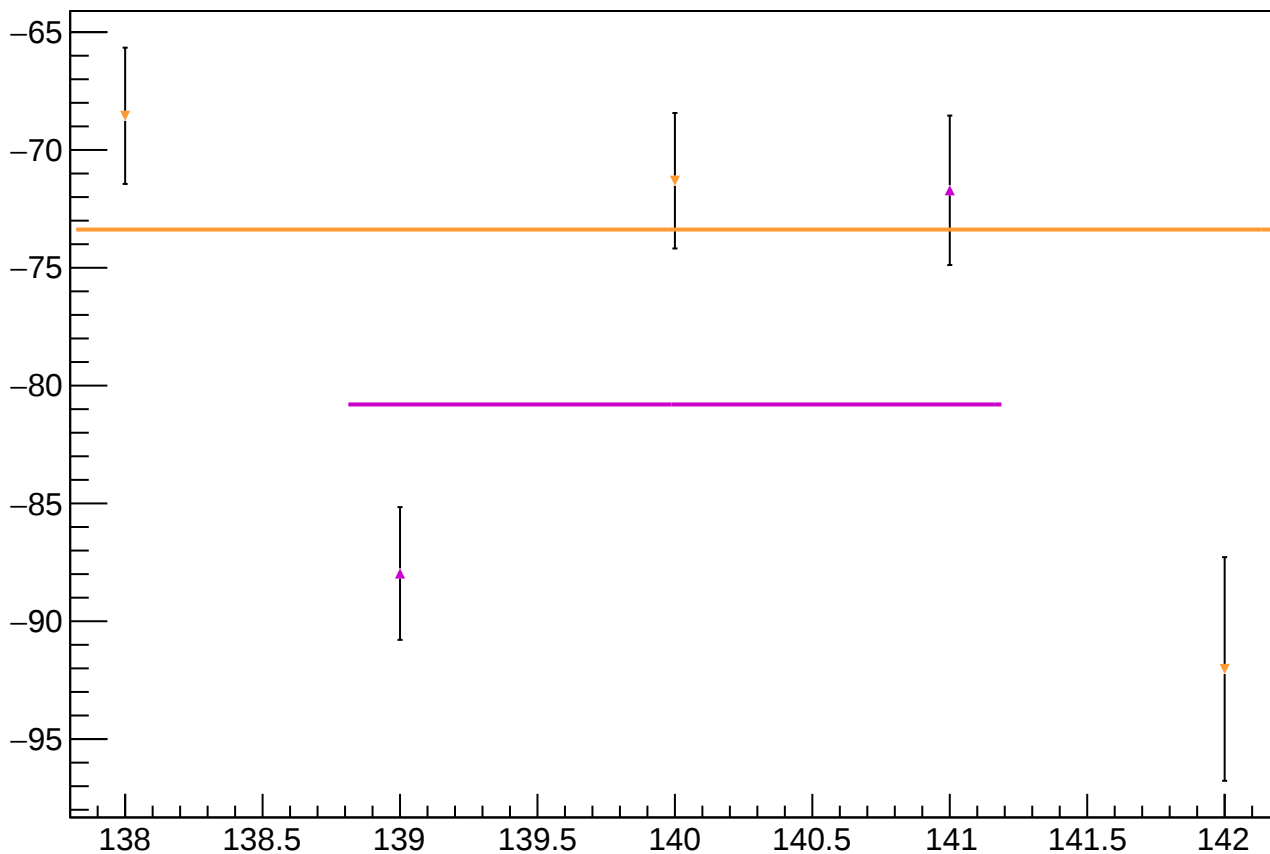
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -235.676+/-0.124 χ^2/NDF : 265179.1/18

Out: -233.872+/-0.119 χ^2/NDF : 277265.7/20

All: -234.735+/-0.086 χ^2/NDF : 542555.2/39

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.378+/-1.873 χ^2/NDF :18.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.800+/-2.106 χ^2/NDF :14.7/1

Left: -76.655+/-1.400 χ^2/NDF : 40.4/4

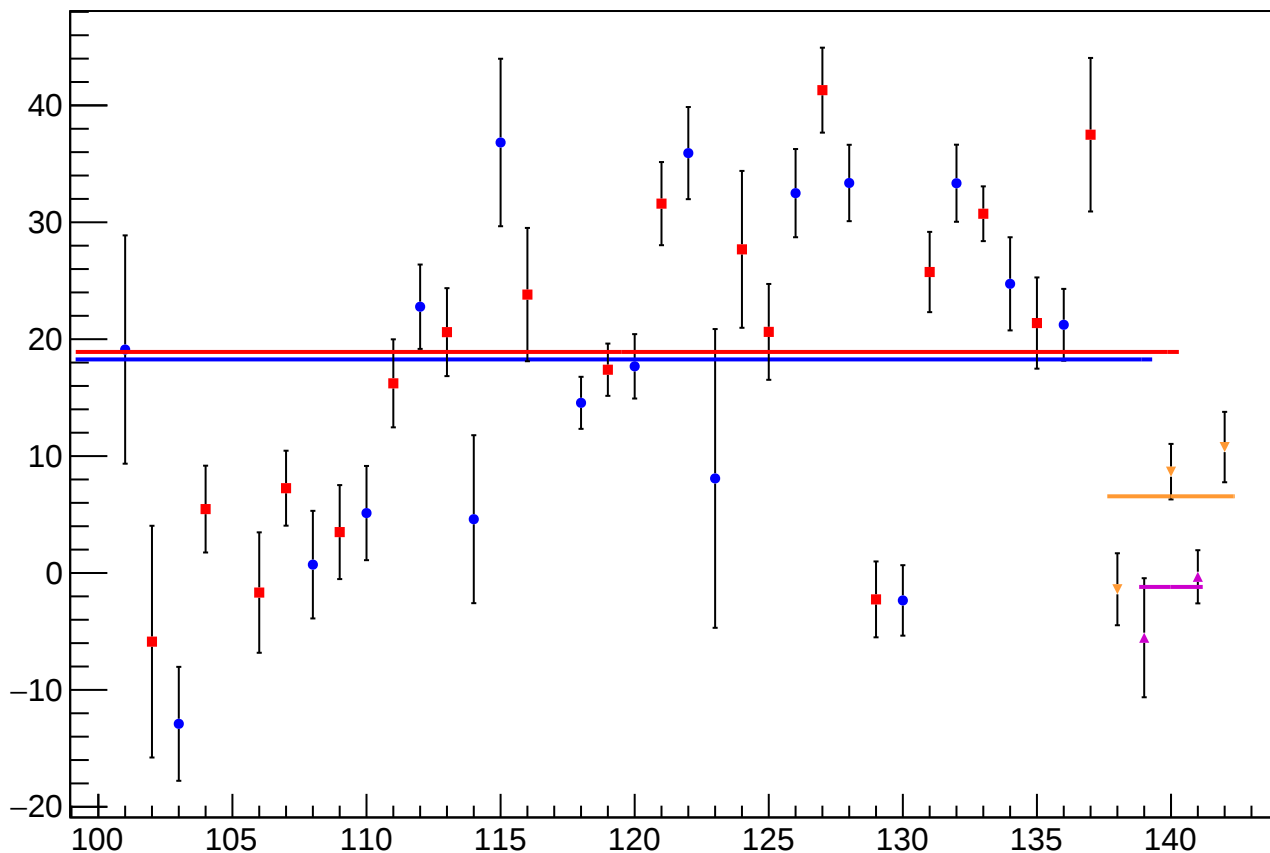
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.800+/-2.106 χ^2/NDF :14.7/1

Out: -73.378+/-1.873 χ^2/NDF :18.7/2

All: -76.655+/-1.400 χ^2/NDF : 40.4/4

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 6.559 ± 1.595 $\chi^2/\text{NDF}: 9.4/2$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: -1.192 ± 2.077 $\chi^2/\text{NDF}: 0.9/1$

Left: 3.684 ± 1.265 $\chi^2/\text{NDF}: 19.0/4$

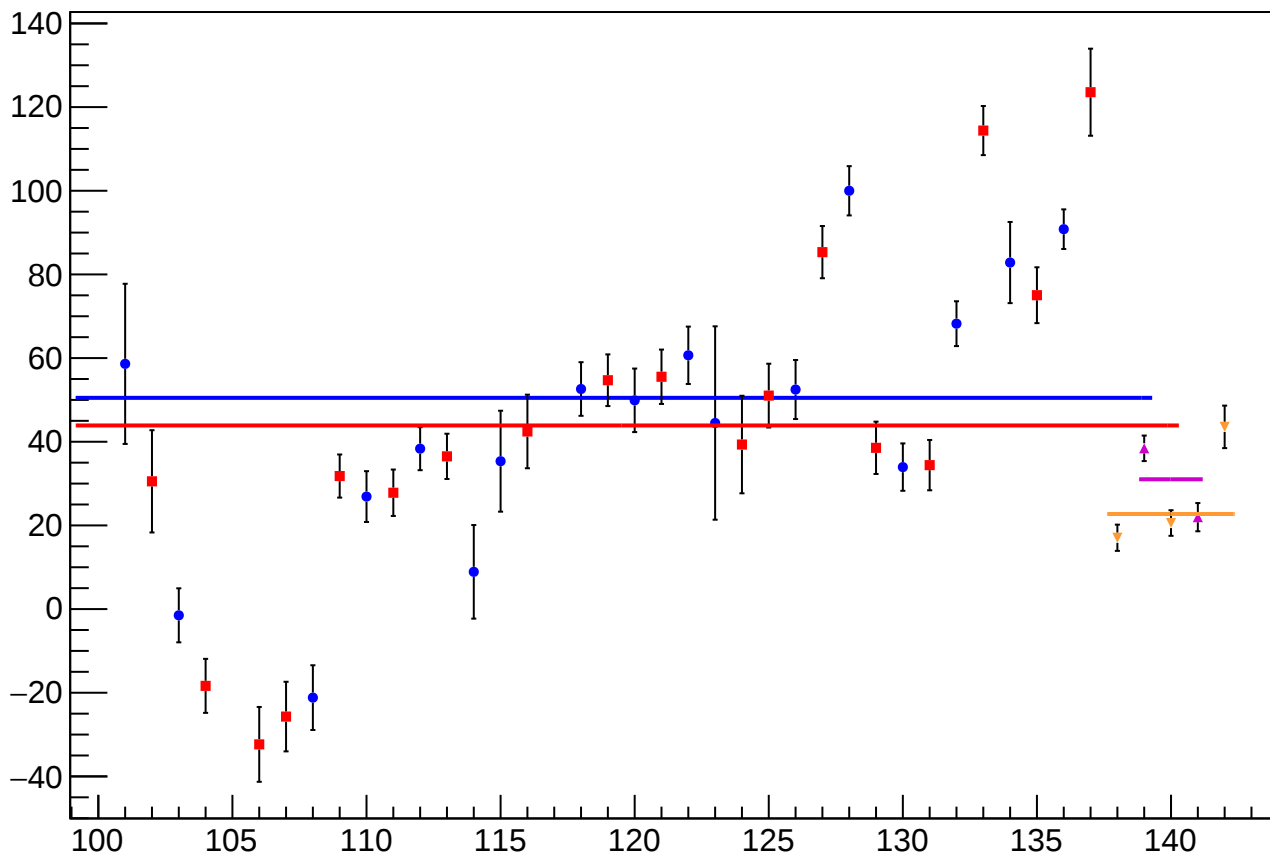
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 15.153 ± 0.831 $\chi^2/\text{NDF}: 282.9/18$

Out: 16.106 ± 0.760 $\chi^2/\text{NDF}: 253.9/20$

All: 15.672 ± 0.561 $\chi^2/\text{NDF}: 537.5/39$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 22.729 $\pm$ 2.012 χ^2 /NDF:20.6/2

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 31.027 $\pm$ 2.262 χ^2 /NDF:13.1/1

Left: 26.394 $\pm$ 1.503 χ^2 /NDF: 41.2/4

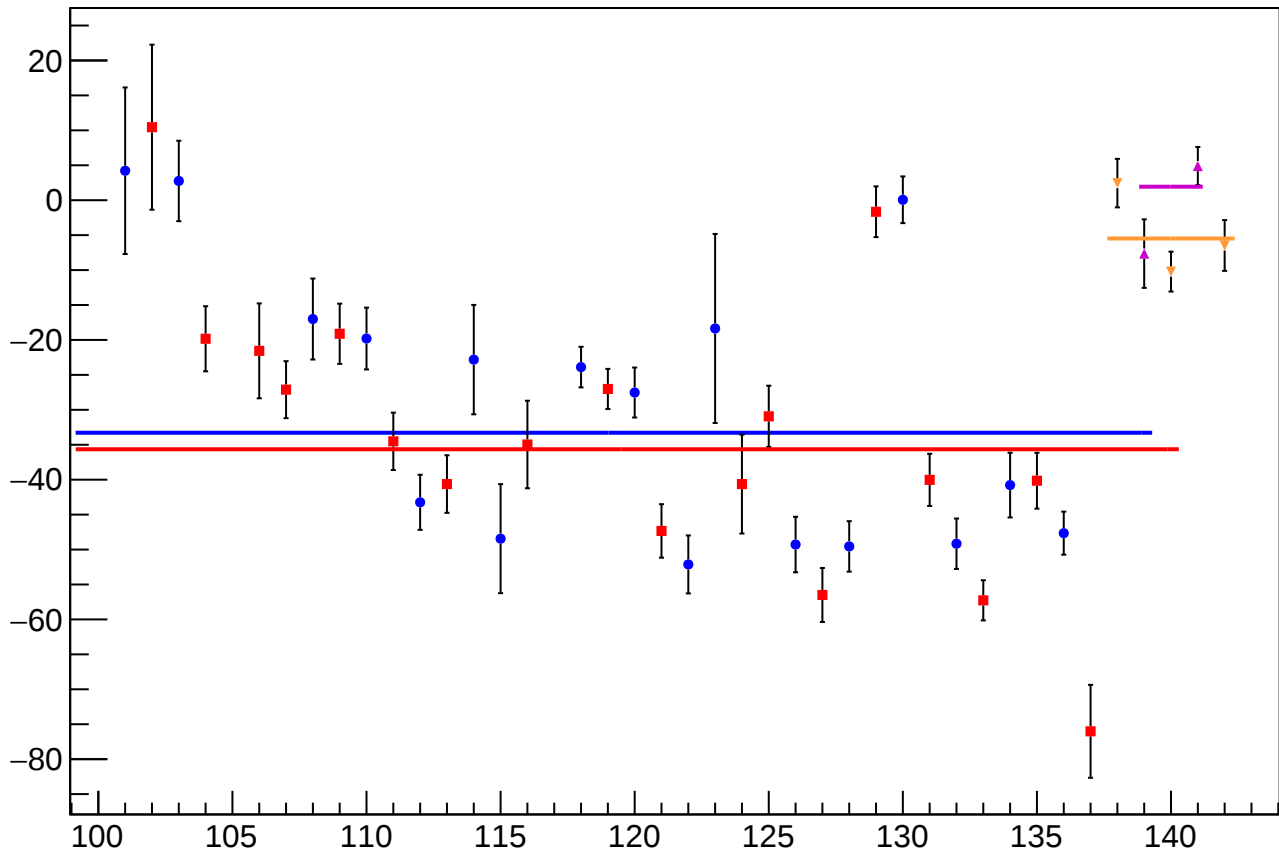
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 43.624 $\pm$ 1.344 χ^2 /NDF:424.2/18

Out: 35.671 $\pm$ 1.254 χ^2 /NDF:619.9/20

All: 39.373 $\pm$ 0.917 χ^2 /NDF: 1062.9/39

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -5.479 ± 1.885 χ^2/NDF : 8.1/2

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: 1.931 ± 2.384 χ^2/NDF : 5.0/1

Left: -2.628 ± 1.478 χ^2/NDF : 19.0/4

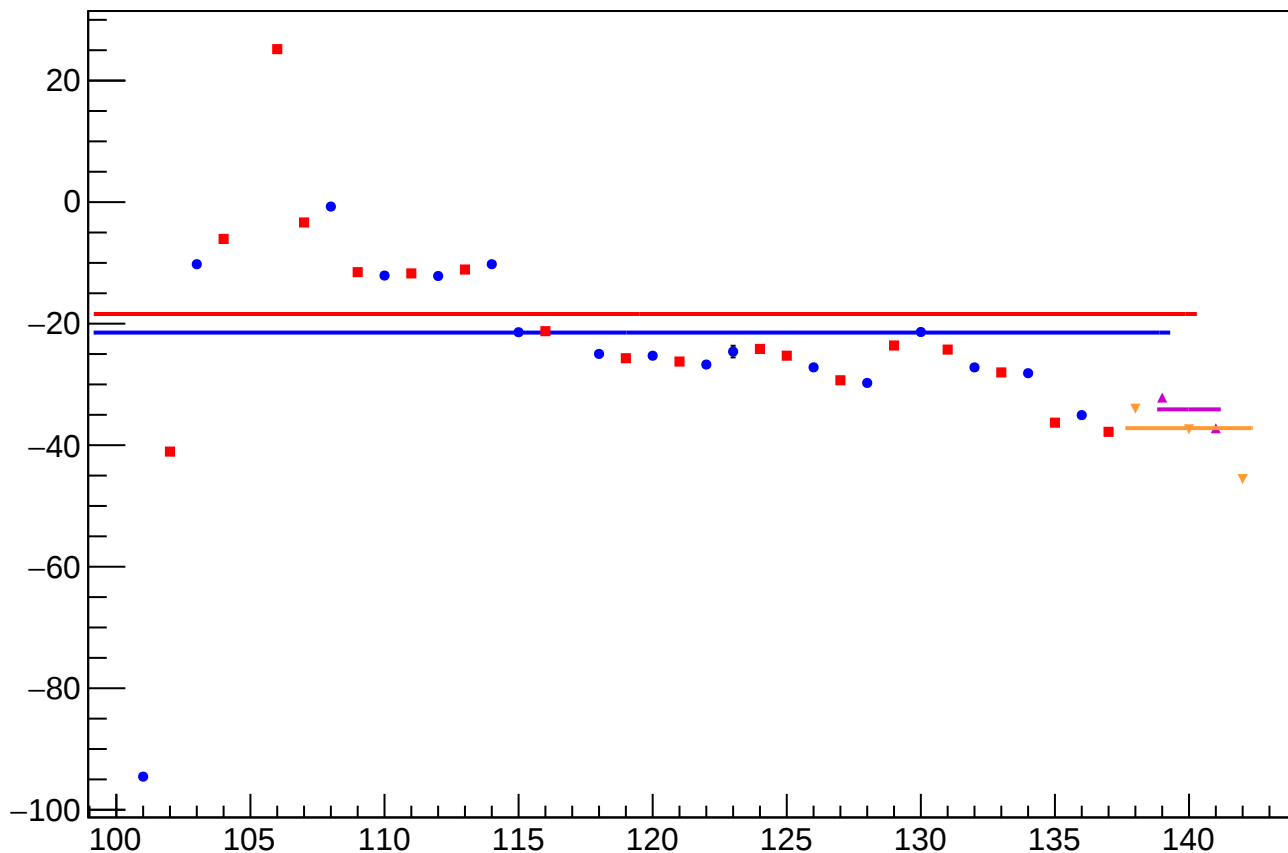
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -27.697 ± 0.949 χ^2/NDF : 481.5/18

Out: -29.093 ± 0.878 χ^2/NDF : 493.1/20

All: -28.449 ± 0.645 χ^2/NDF : 975.8/39

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -37.193+/-0.082 χ^2/NDF : 2385.0/2

Right Out: -18.411+/-0.057 χ^2/NDF : 77587.3/17

Left In: -34.108+/-0.084 χ^2/NDF : 853.0/1

Left: -35.687+/-0.059 χ^2/NDF : 3923.0/4

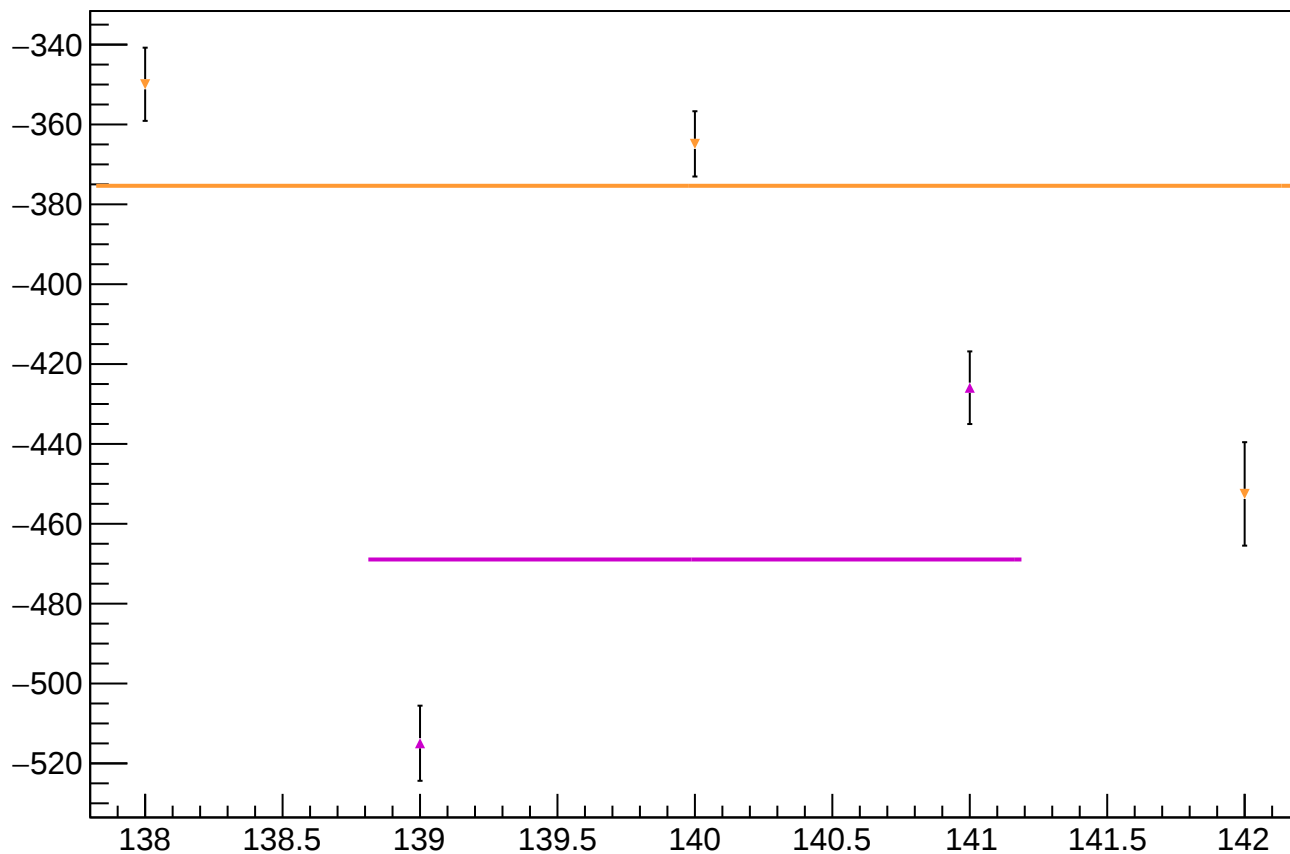
Right: -19.904+/-0.041 χ^2/NDF : 127953.4/34

In: -25.598+/-0.048 χ^2/NDF : 64959.7/18

Out: -24.549+/-0.047 χ^2/NDF : 114983.7/20

All: -25.061+/-0.034 χ^2/NDF : 180186.0/39

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -375.356+/-5.519 χ^2/NDF :44.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -468.940+/-6.539 χ^2/NDF :46.3/1

Left: -414.295+/-4.218 χ^2/NDF : 210.7/4

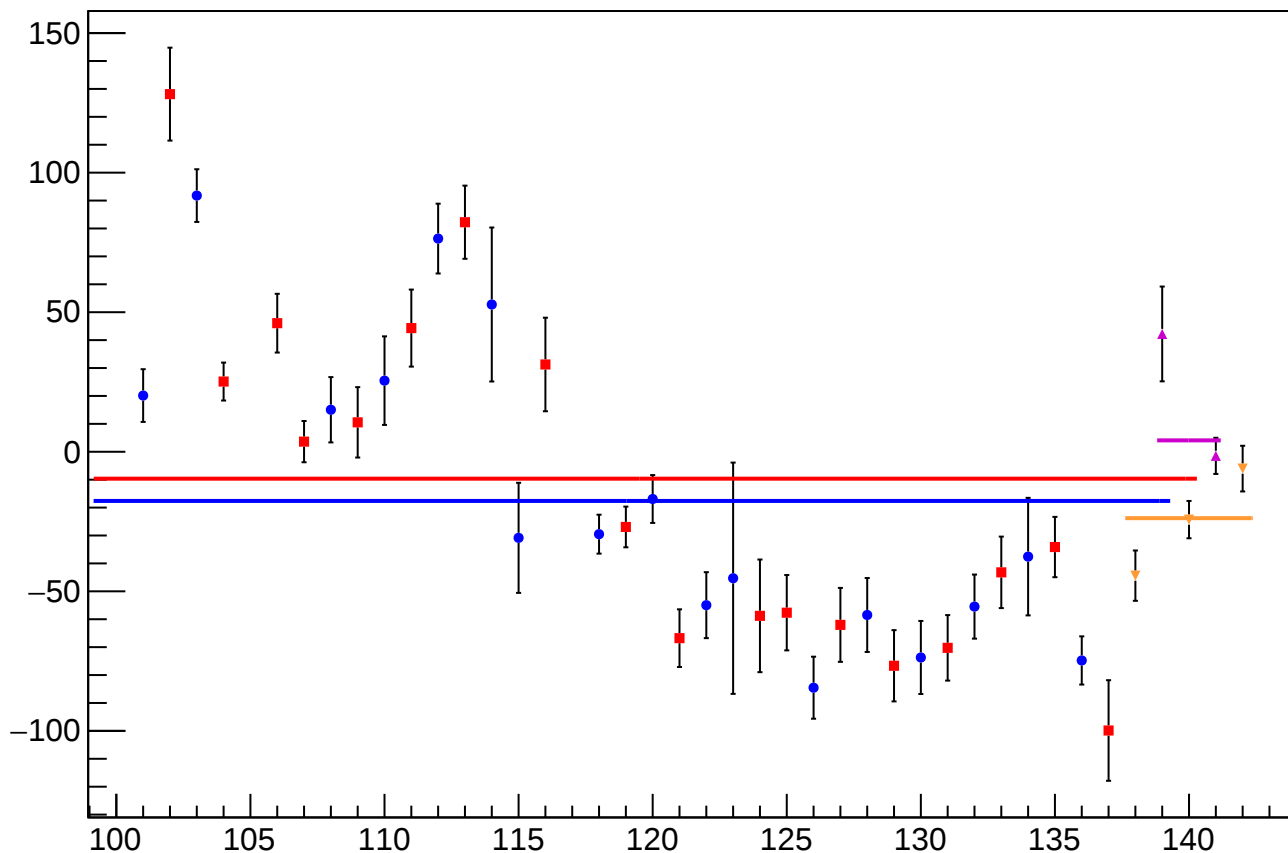
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -468.940+/-6.539 χ^2/NDF :46.3/1

Out: -375.356+/-5.519 χ^2/NDF :44.8/2

All: -414.295+/-4.218 χ^2/NDF : 210.7/4

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619+/-2.786 χ^2/NDF : 362.0/16

Left Out: -23.789+/-4.489 χ^2/NDF : 9.9/2

Right Out: -9.641+/-2.613 χ^2/NDF : 360.7/17

Left In: 4.083+/-6.053 χ^2/NDF : 5.8/1

Left: -13.898+/-3.606 χ^2/NDF : 29.4/4

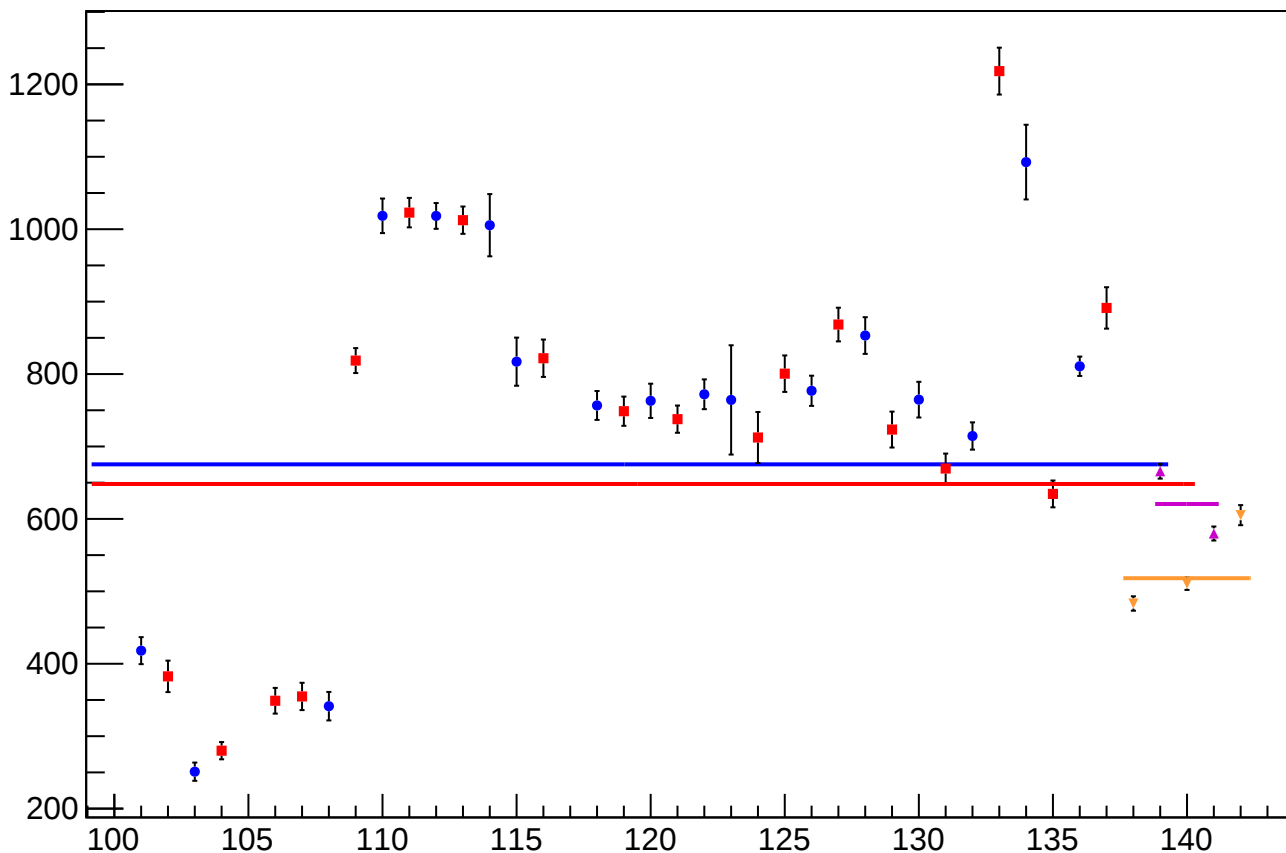
Right: -13.374+/-1.906 χ^2/NDF : 727.1/34

In: -13.824+/-2.531 χ^2/NDF : 378.4/18

Out: -13.221+/-2.258 χ^2/NDF : 378.0/20

All: -13.488+/-1.685 χ^2/NDF : 756.5/39

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 518.138 ± 5.920 χ^2/NDF : 52.5/2

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 620.599 ± 7.011 χ^2/NDF : 37.5/1

Left: 560.783 ± 4.523 χ^2/NDF : 214.7/4

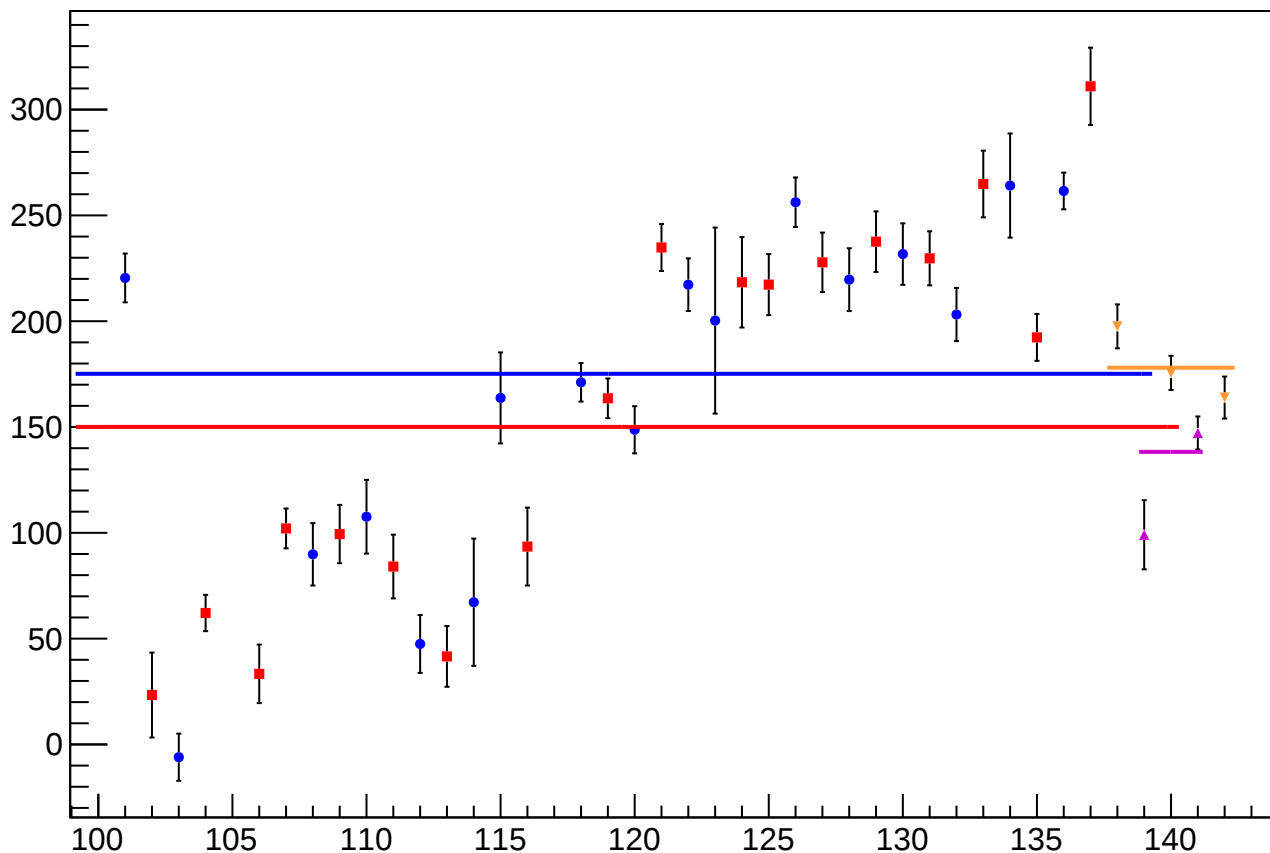
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 656.661 ± 4.095 χ^2/NDF : 2660.4/18

Out: 596.955 ± 3.717 χ^2/NDF : 3404.0/20

All: 623.920 ± 2.752 χ^2/NDF : 6180.9/39

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 178.034 $\pm$ 5.363 χ^2 /NDF: 5.7/2

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 138.264 $\pm$ 7.042 χ^2 /NDF: 7.0/1

Left: 163.435 $\pm$ 4.267 χ^2 /NDF: 32.9/4

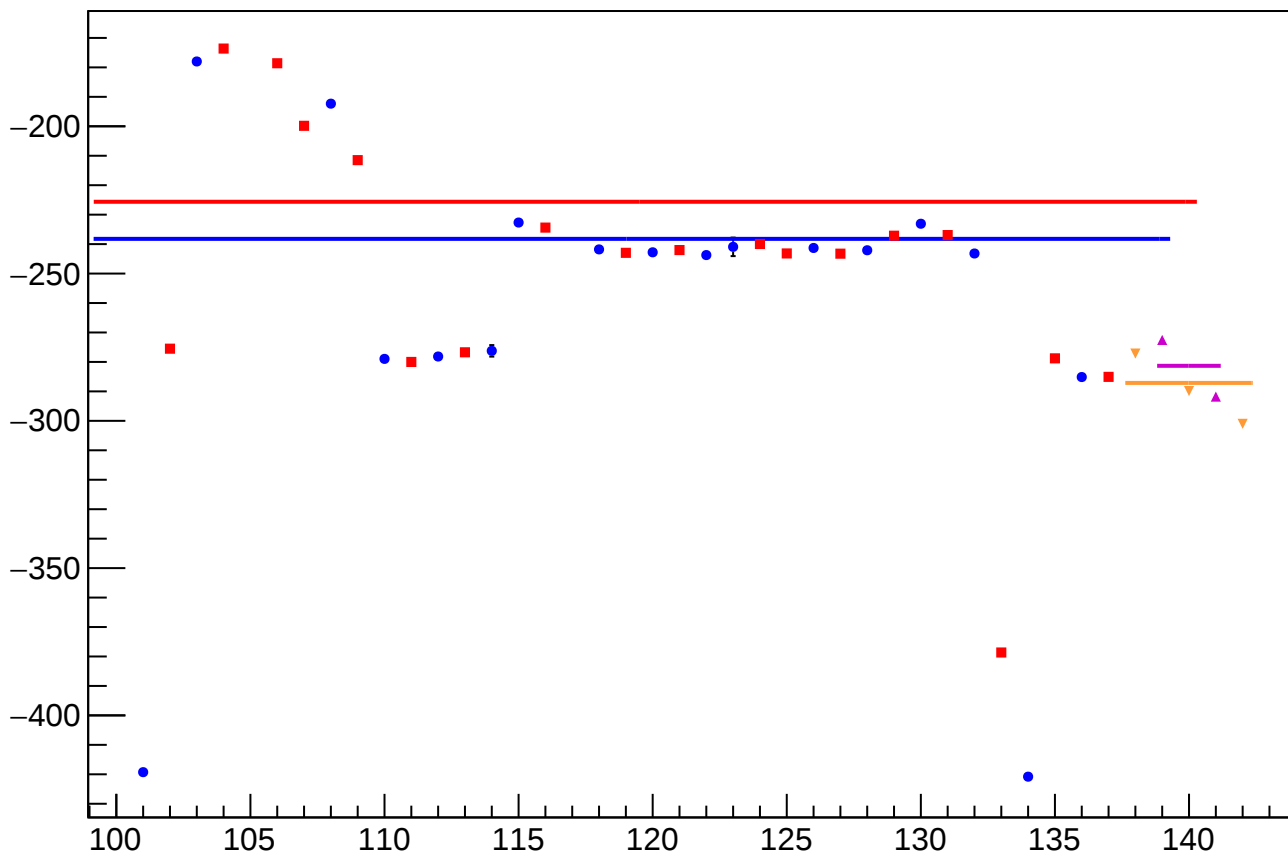
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 168.800 $\pm$ 2.920 χ^2 /NDF: 665.4/18

Out: 156.876 $\pm$ 2.648 χ^2 /NDF: 712.4/20

All: 162.257 $\pm$ 1.962 χ^2 /NDF: 1386.9/39

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -287.120+/-0.246 χ^2/NDF :1307.6/2

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -281.315+/-0.265 χ^2/NDF :1308.6/1

Left: -284.431+/-0.180 χ^2/NDF : 2873.8/4

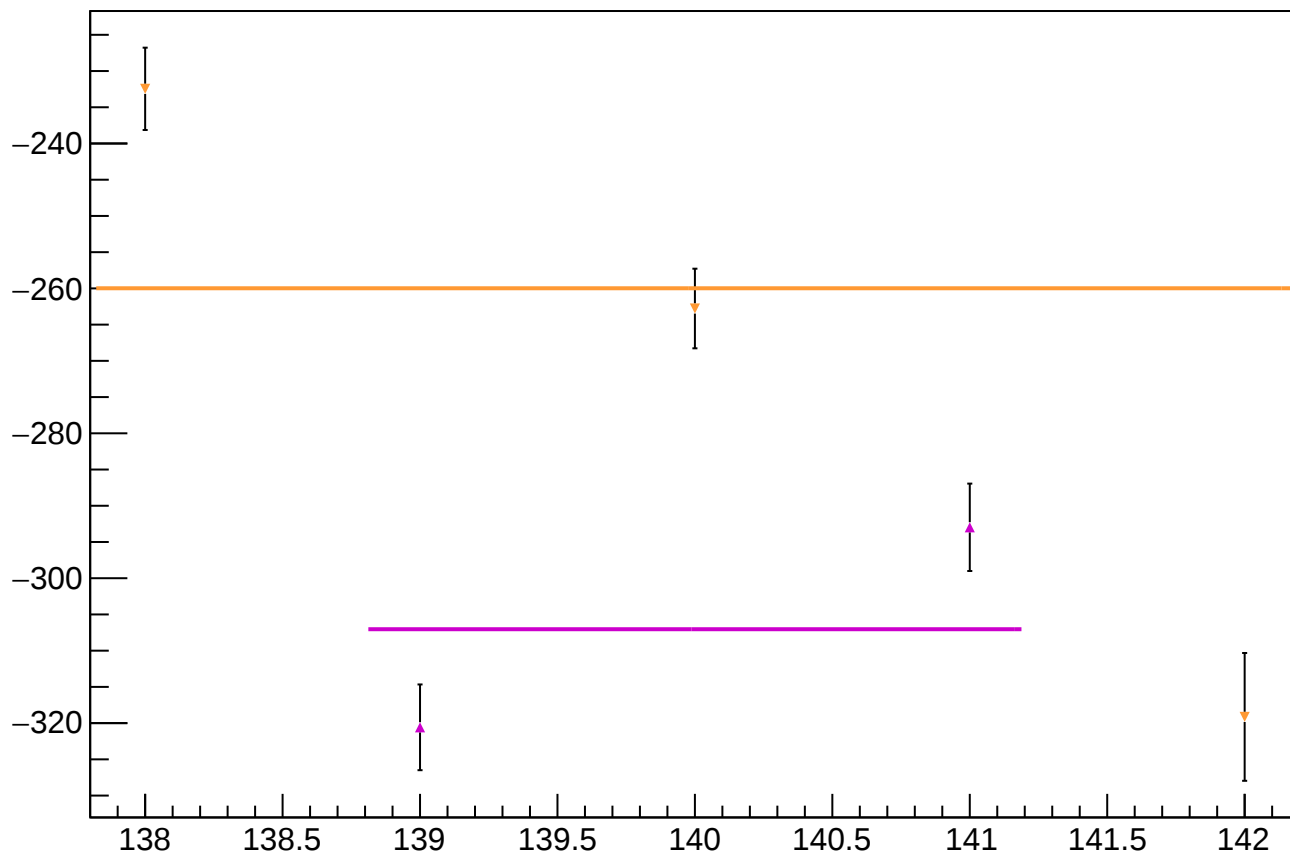
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -249.740+/-0.137 χ^2/NDF :187791.1/18

Out: -242.532+/-0.129 χ^2/NDF :142018.1/20

All: -245.921+/-0.094 χ^2/NDF : 331275.8/39

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.982+/-3.604 χ^2/NDF :68.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.040+/-4.223 χ^2/NDF :10.7/1

Left: -279.814+/-2.742 χ^2/NDF : 151.2/4

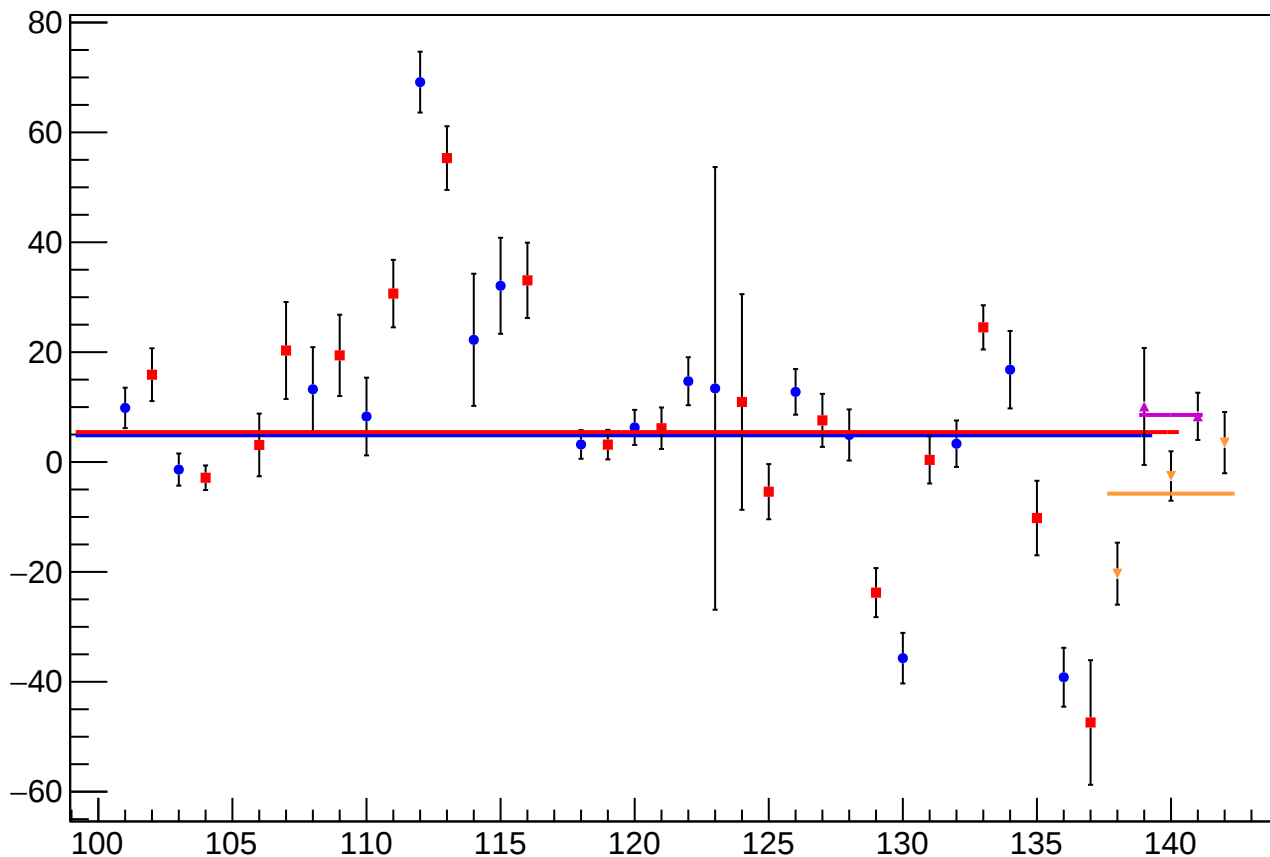
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -307.040+/-4.223 χ^2/NDF :10.7/1

Out: -259.982+/-3.604 χ^2/NDF :68.7/2

All: -279.814+/-2.742 χ^2/NDF : 151.2/4

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -5.755 ± 2.974 $\chi^2/\text{NDF}: 10.0/2$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 8.569 ± 3.984 $\chi^2/\text{NDF}: 0.0/1$

Left: -0.628 ± 2.383 $\chi^2/\text{NDF}: 18.3/4$

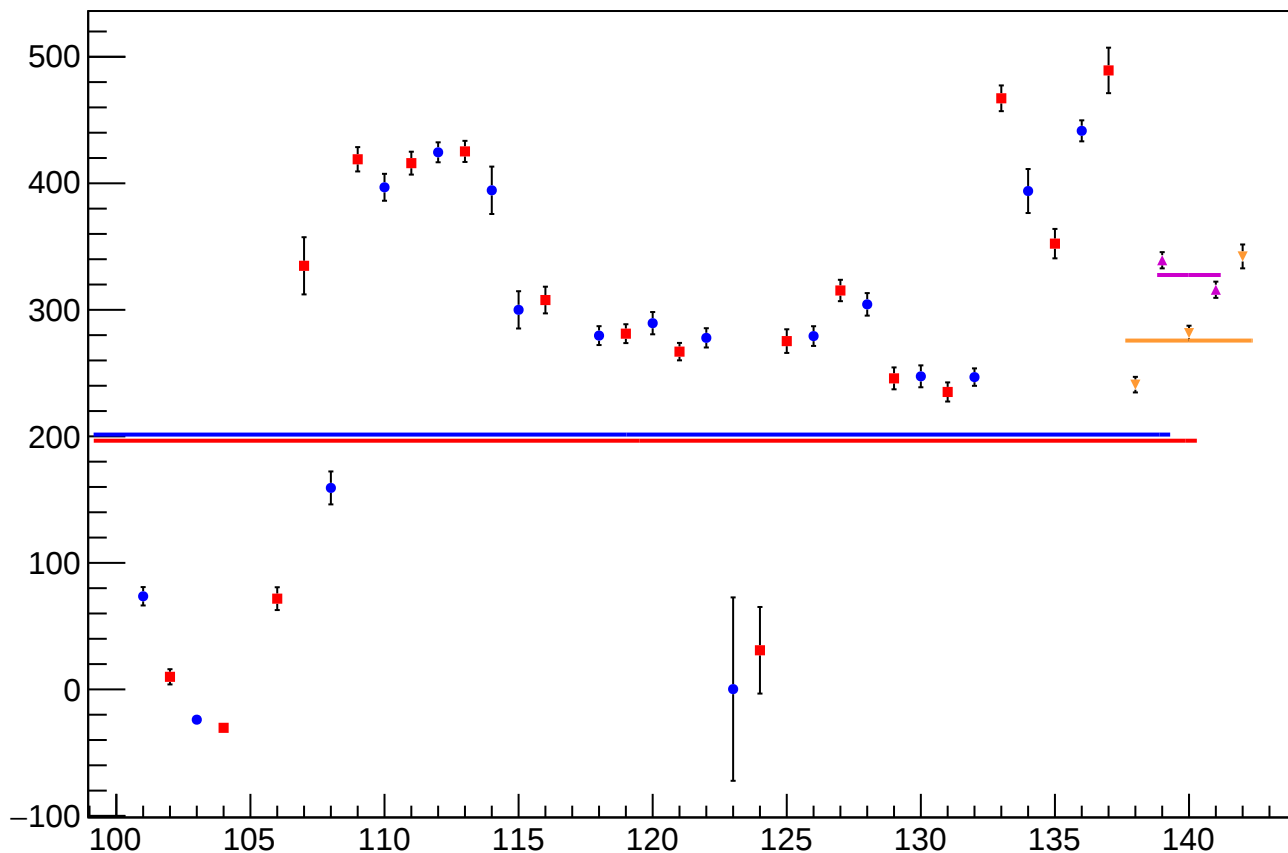
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 5.128 ± 1.052 $\chi^2/\text{NDF}: 312.4/18$

Out: 4.164 ± 1.008 $\chi^2/\text{NDF}: 254.1/20$

All: 4.625 ± 0.728 $\chi^2/\text{NDF}: 566.9/39$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 275.712 $\pm$ 3.869 χ^2 /NDF:82.7/2

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 327.542 $\pm$ 4.532 χ^2 /NDF:6.6/1

Left: 297.560 $\pm$ 2.942 χ^2 /NDF: 164.9/4

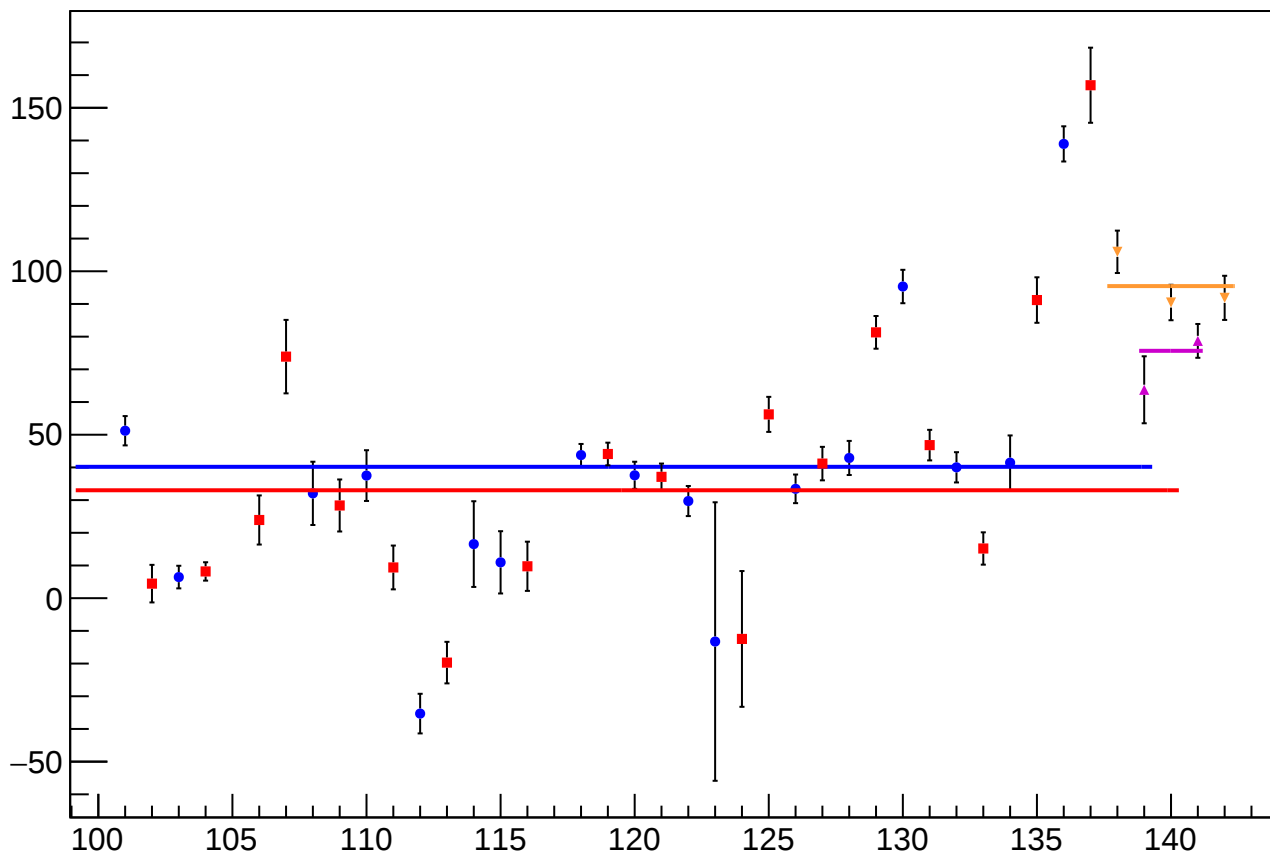
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 212.353 $\pm$ 1.728 χ^2 /NDF:8595.8/20

All: 216.723 $\pm$ 1.250 χ^2 /NDF: 16007.4/39

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 95.463+/-3.542 χ^2/NDF : 3.8/2

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 75.664+/-4.618 χ^2/NDF : 1.7/1

Left: 88.130+/-2.811 χ^2/NDF : 17.0/4

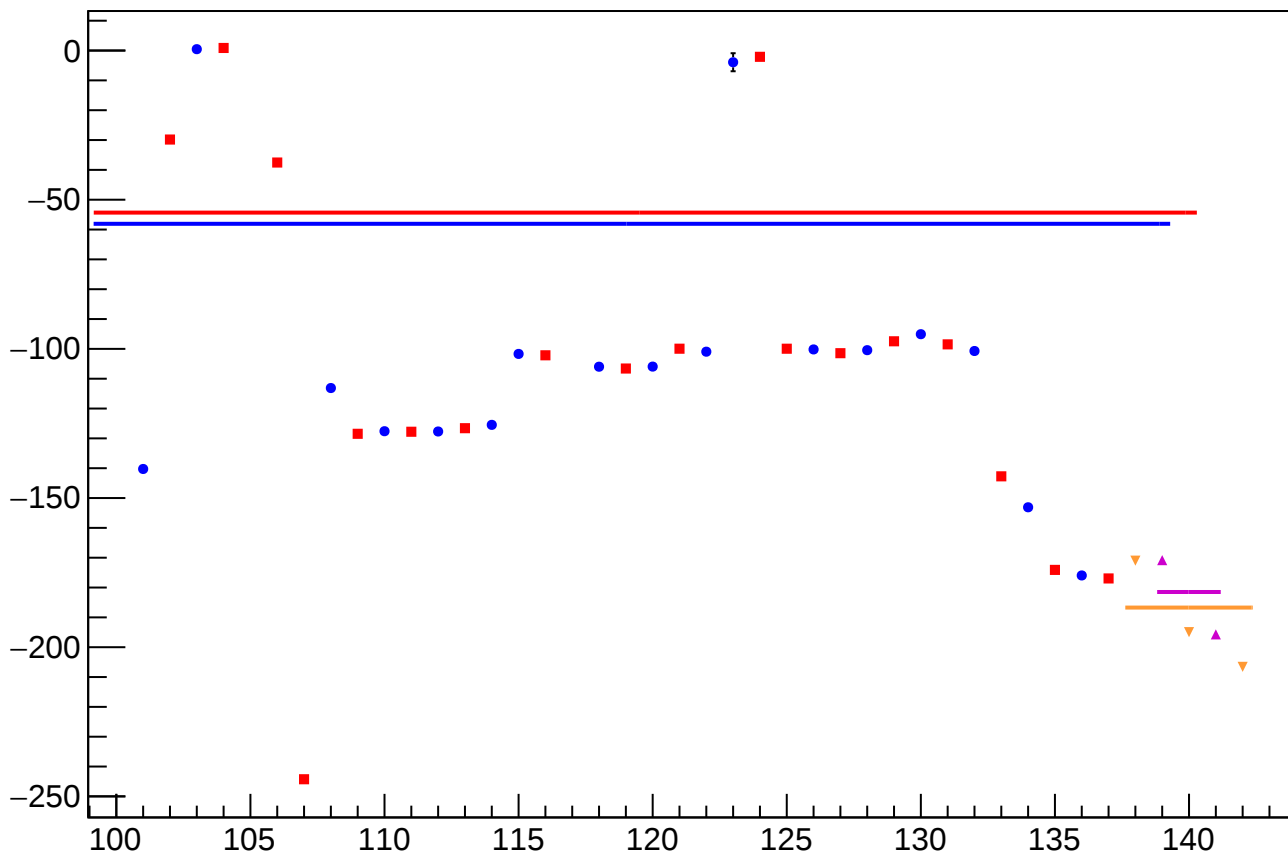
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 42.677+/-1.224 χ^2/NDF : 790.6/18

Out: 39.952+/-1.181 χ^2/NDF : 827.2/20

All: 41.266+/-0.850 χ^2/NDF : 1620.4/39

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -186.714+/-0.160 χ^2/NDF : 7924.9/2

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -181.493+/-0.170 χ^2/NDF : 5232.4/1

Left: -184.263+/-0.117 χ^2/NDF : 13656.2/4

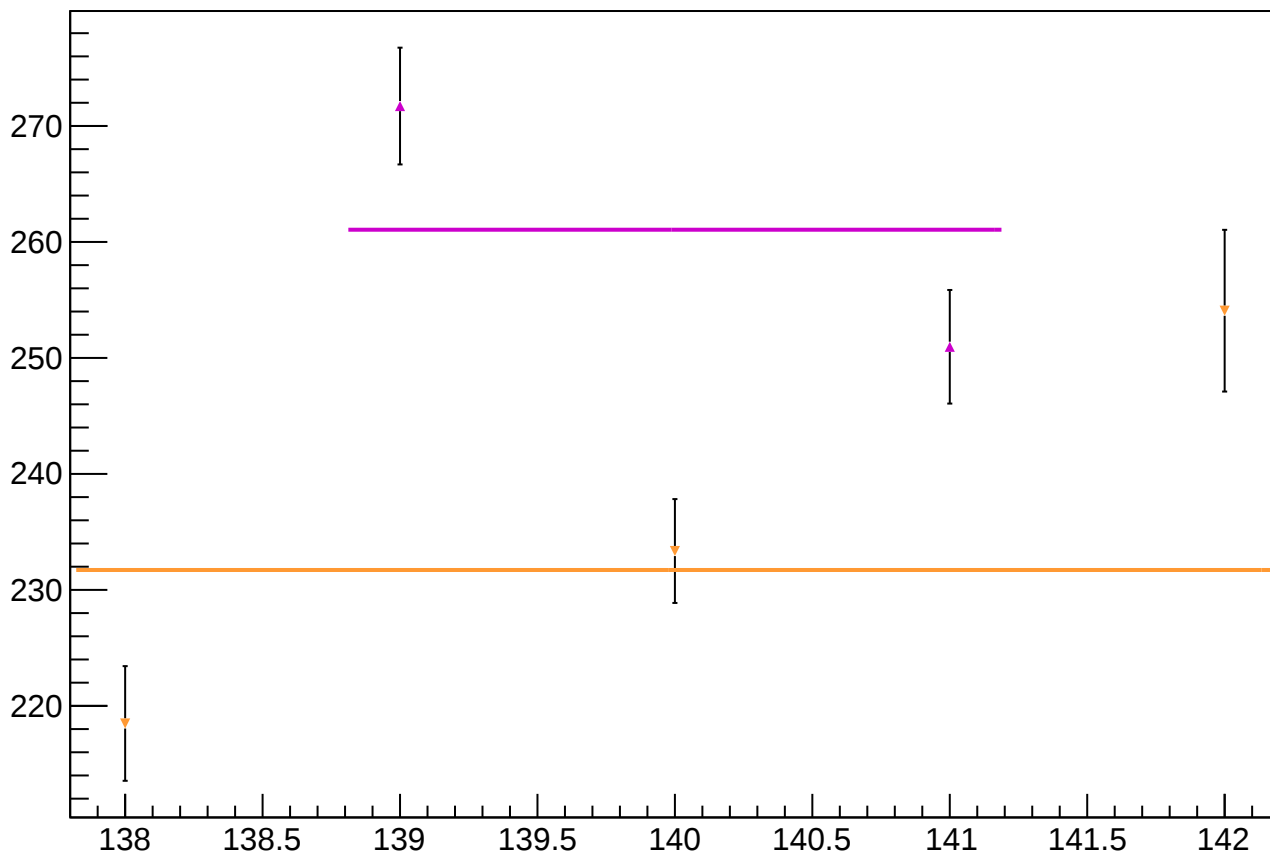
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -72.372+/-0.058 χ^2/NDF : 1574293.2/18

Out: -70.833+/-0.057 χ^2/NDF : 1597334.0/20

All: -71.583+/-0.040 χ^2/NDF : 3171988.5/39

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 231.717+/-2.997 χ^2/NDF :17.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.055+/-3.510 χ^2/NDF :8.7/1

Left: 244.084+/-2.279 χ^2/NDF : 66.7/4

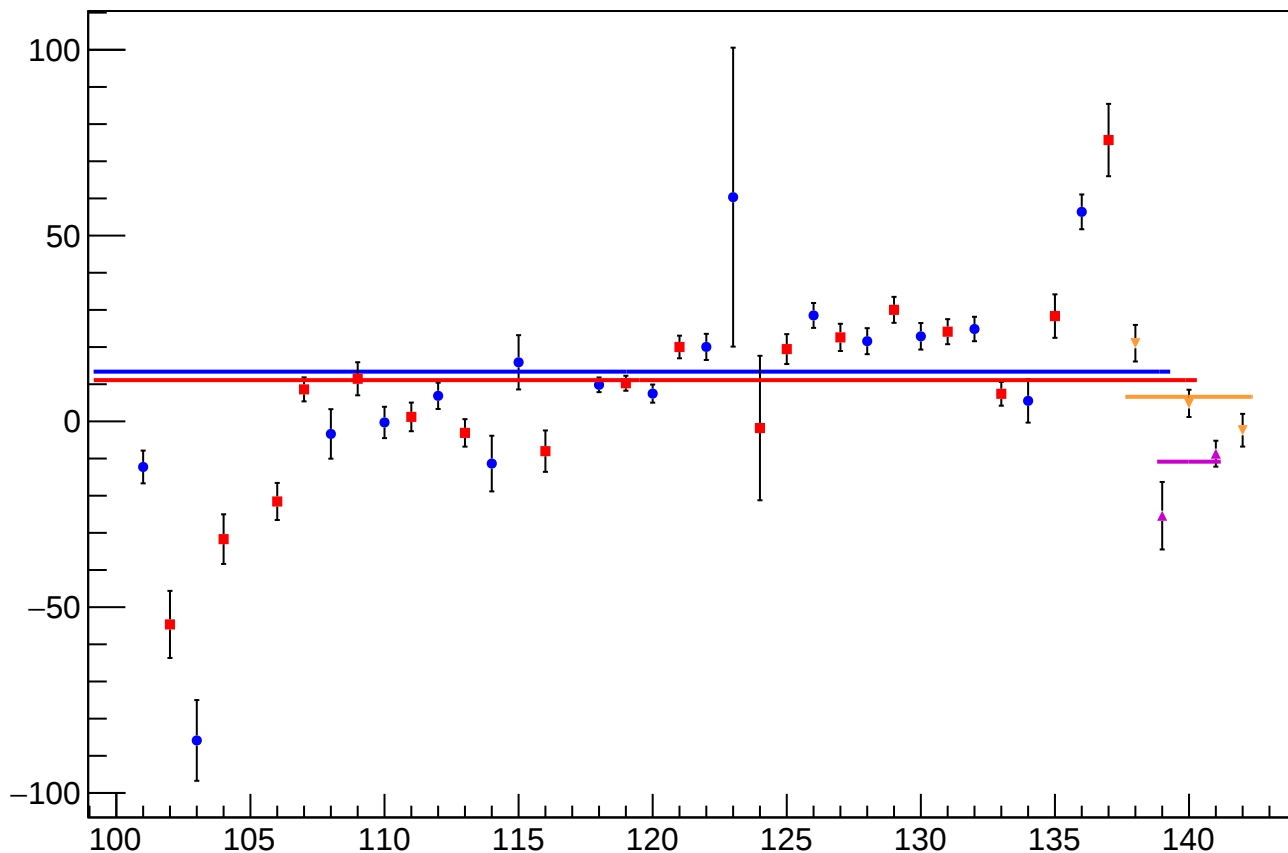
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.055+/-3.510 χ^2/NDF :8.7/1

Out: 231.717+/-2.997 χ^2/NDF :17.6/2

All: 244.084+/-2.279 χ^2/NDF : 66.7/4

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 6.613 $\pm$ 2.446 χ^2 /NDF:13.0/2

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -10.844 $\pm$ 3.258 χ^2 /NDF:2.9/1

Left: 0.322 $\pm$ 1.956 χ^2 /NDF: 34.3/4

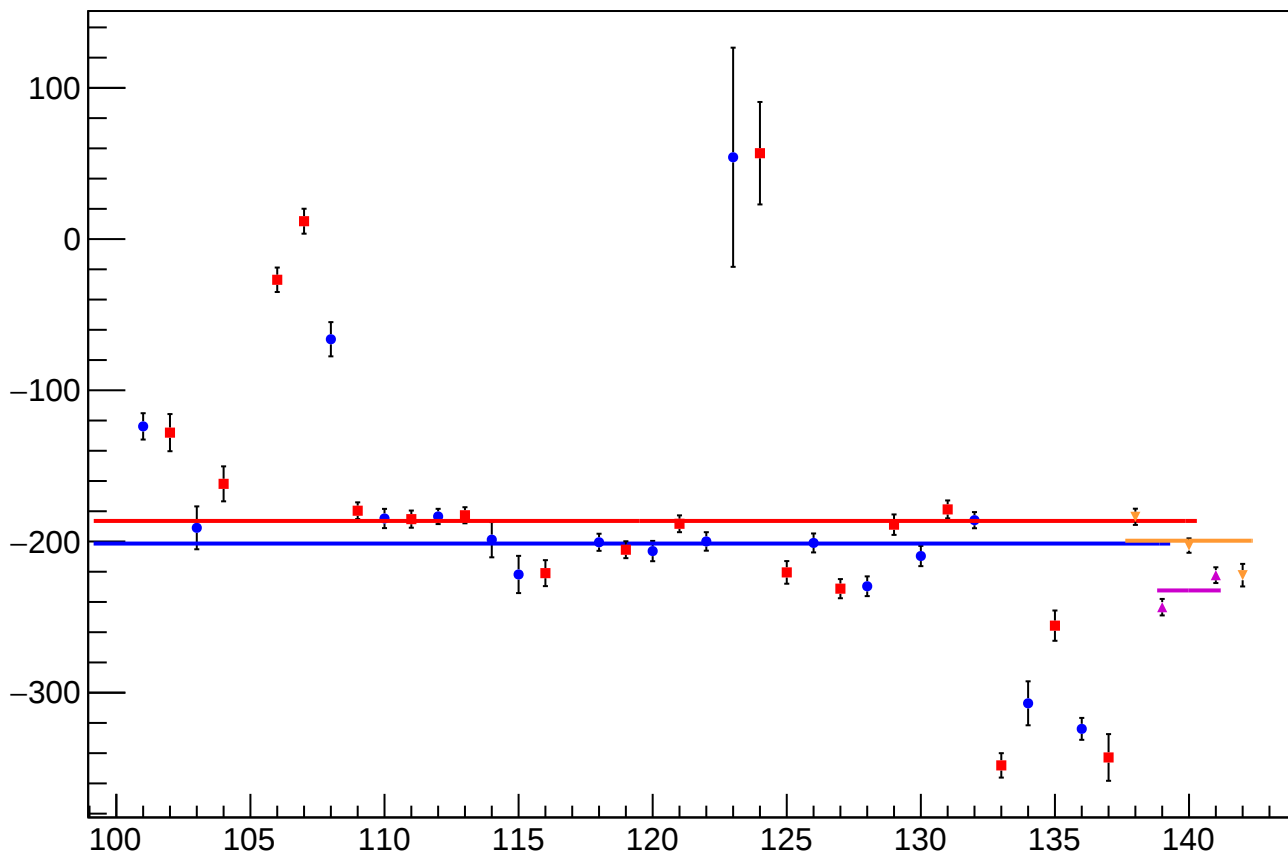
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 11.592 $\pm$ 0.886 χ^2 /NDF:348.2/18

Out: 10.549 $\pm$ 0.857 χ^2 /NDF:308.2/20

All: 11.053 $\pm$ 0.616 χ^2 /NDF: 657.1/39

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -199.488 ± 3.215 χ^2/NDF : 18.5/2

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -232.377 ± 3.764 χ^2/NDF : 7.9/1

Left: -213.359 ± 2.445 χ^2/NDF : 70.5/4

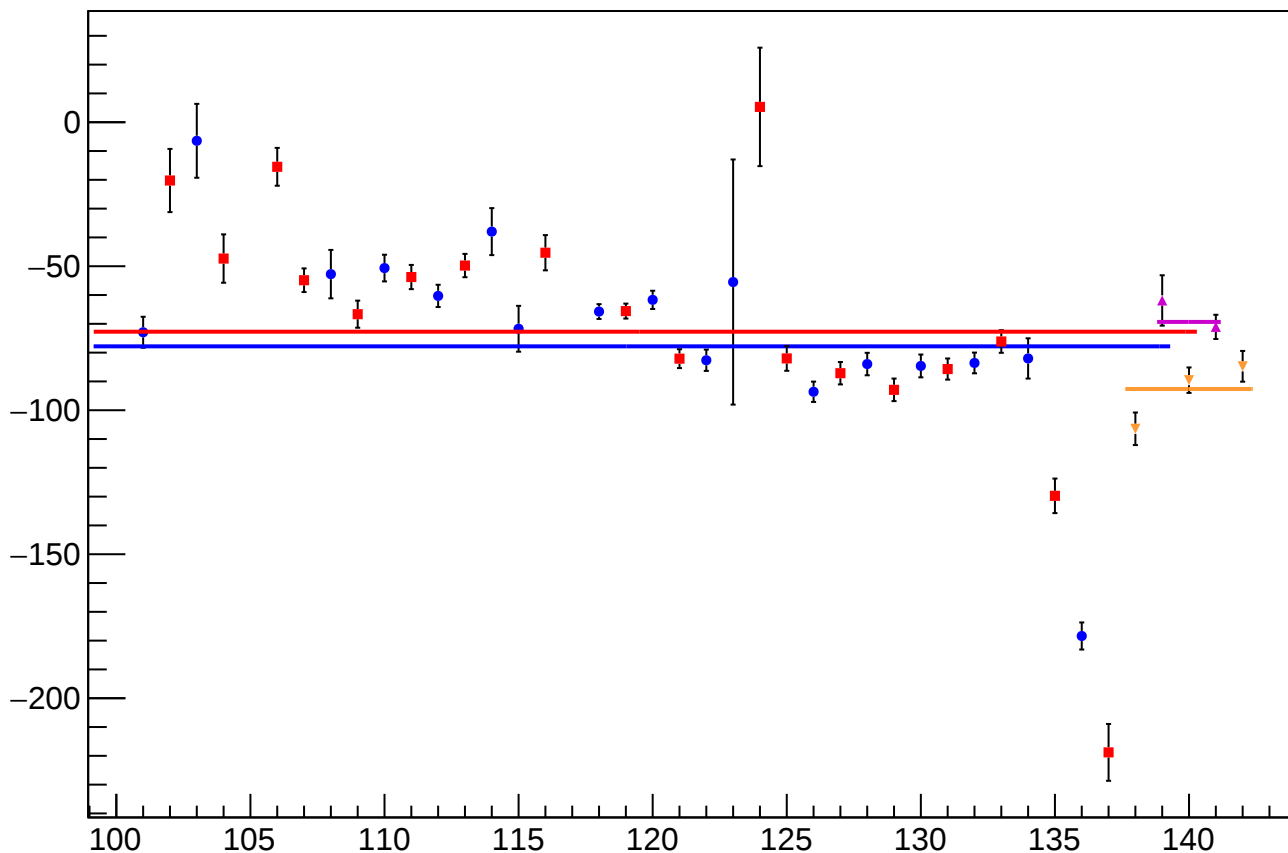
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

Out: -189.276 ± 1.505 χ^2/NDF : 1730.9/20

All: -197.557 ± 1.100 χ^2/NDF : 2484.1/39

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818+/-1.068 χ^2/NDF : 656.4/16

Left Out: -92.621+/-2.916 χ^2/NDF : 8.6/2

Right Out: -72.734+/-1.054 χ^2/NDF : 599.0/17

Left In: -69.337+/-3.788 χ^2/NDF : 0.9/1

Left: -83.955+/-2.311 χ^2/NDF : 33.3/4

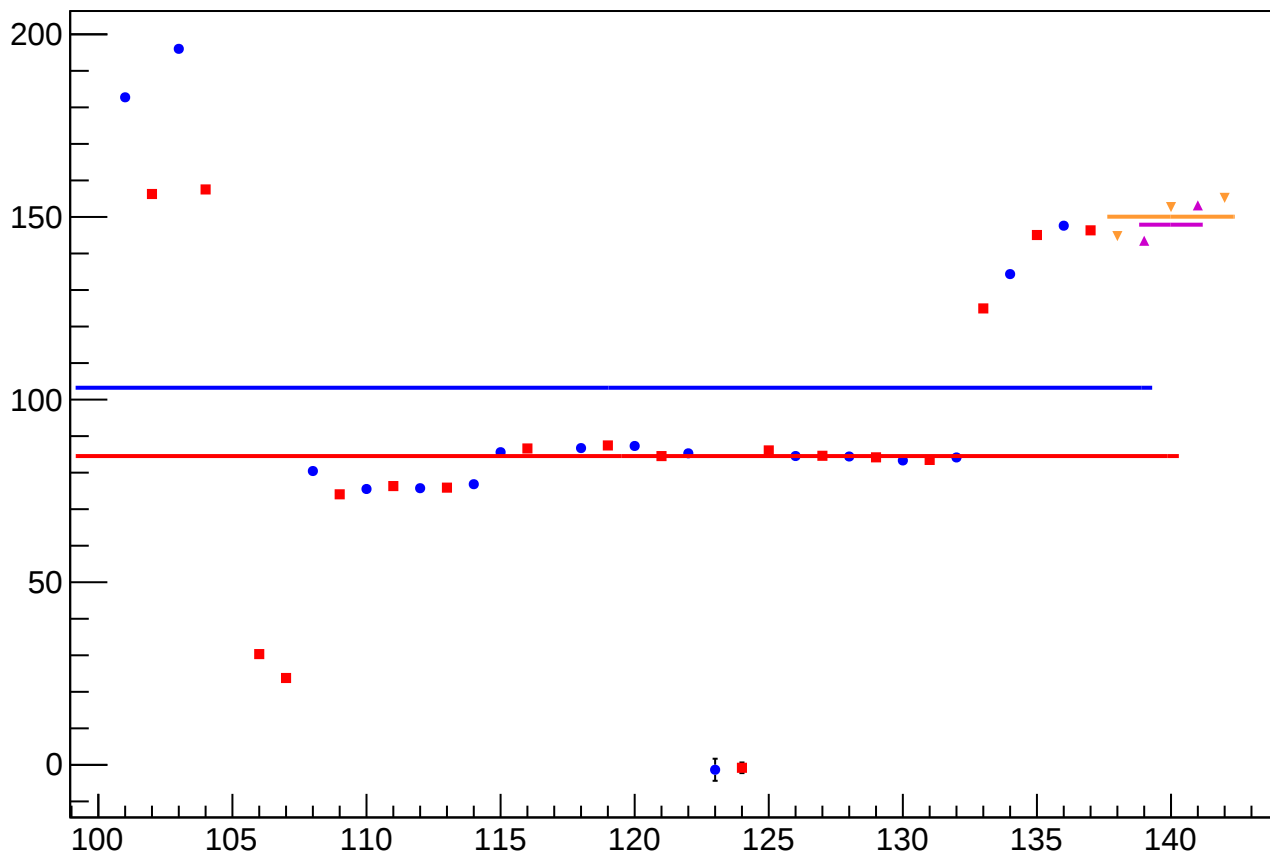
Right: -75.241+/-0.750 χ^2/NDF : 1266.8/34

In: -77.194+/-1.028 χ^2/NDF : 661.9/18

Out: -75.030+/-0.991 χ^2/NDF : 648.7/20

All: -76.072+/-0.713 χ^2/NDF : 1312.9/39

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 150.074 $\pm$ 0.133 χ^2 /NDF:1081.8/2

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 147.884 $\pm$ 0.142 χ^2 /NDF:1150.6/1

Left: 149.049 $\pm$ 0.097 χ^2 /NDF: 2358.9/4

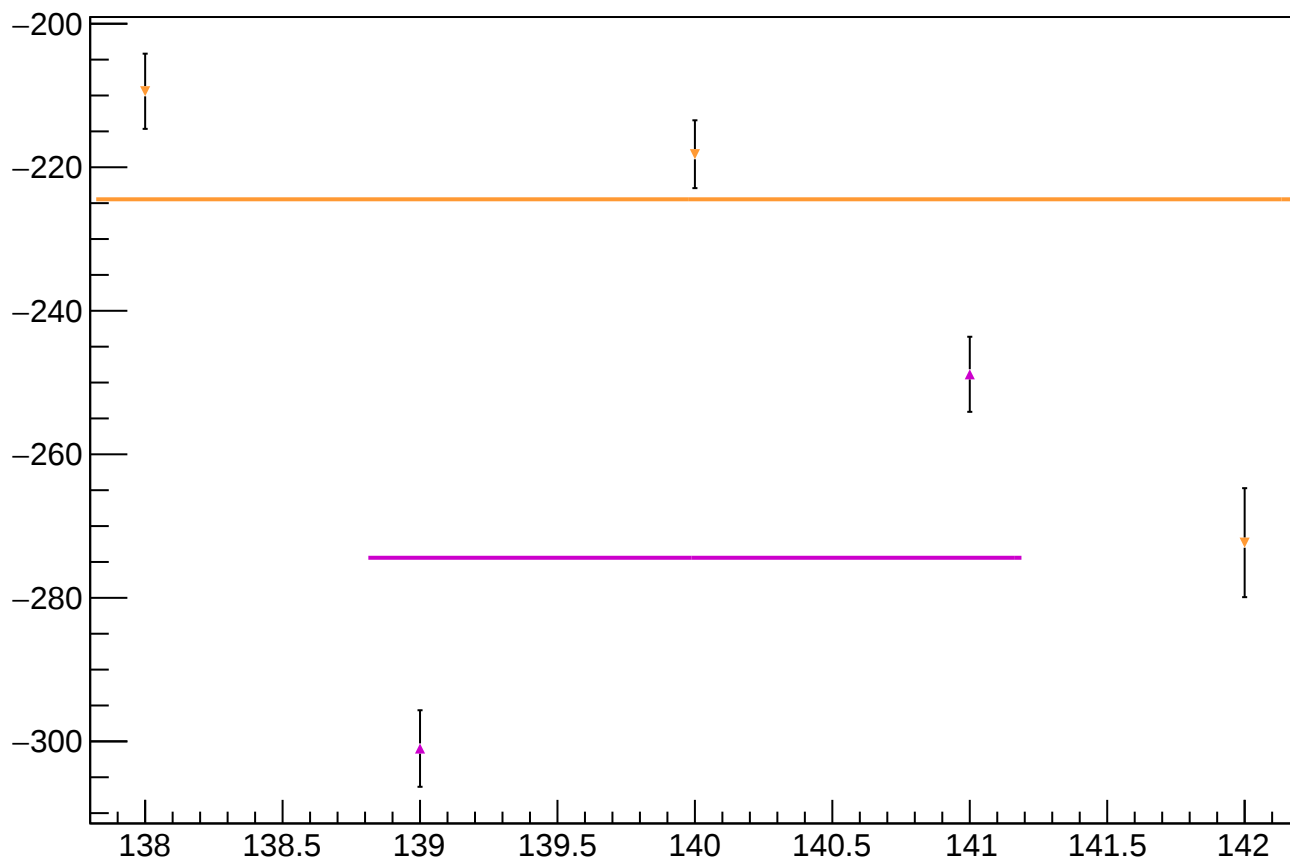
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 112.057 $\pm$ 0.063 χ^2 /NDF:353750.6/18

Out: 96.806 $\pm$ 0.058 χ^2 /NDF:609213.6/20

All: 103.738 $\pm$ 0.043 χ^2 /NDF: 994805.8/39

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.464+/-3.186 χ^2/NDF :49.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.416+/-3.735 χ^2/NDF :48.7/1

Left: -245.500+/-2.424 χ^2/NDF : 202.0/4

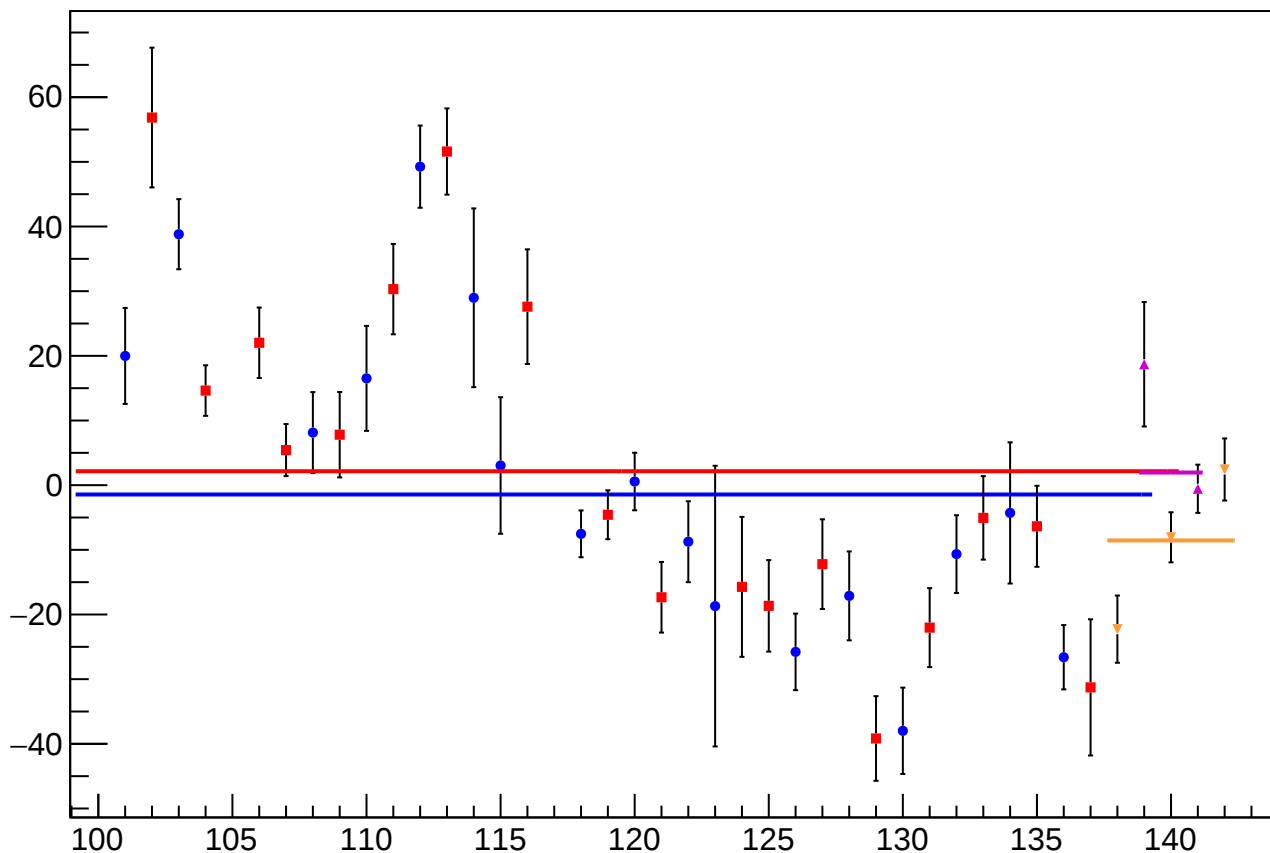
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.416+/-3.735 χ^2/NDF :48.7/1

Out: -224.464+/-3.186 χ^2/NDF :49.7/2

All: -245.500+/-2.424 χ^2/NDF : 202.0/4

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: -8.544 ± 2.607 χ^2/NDF : 12.2/2

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 1.955 ± 3.476 χ^2/NDF : 3.5/1

Left: -4.765 ± 2.085 χ^2/NDF : 21.5/4

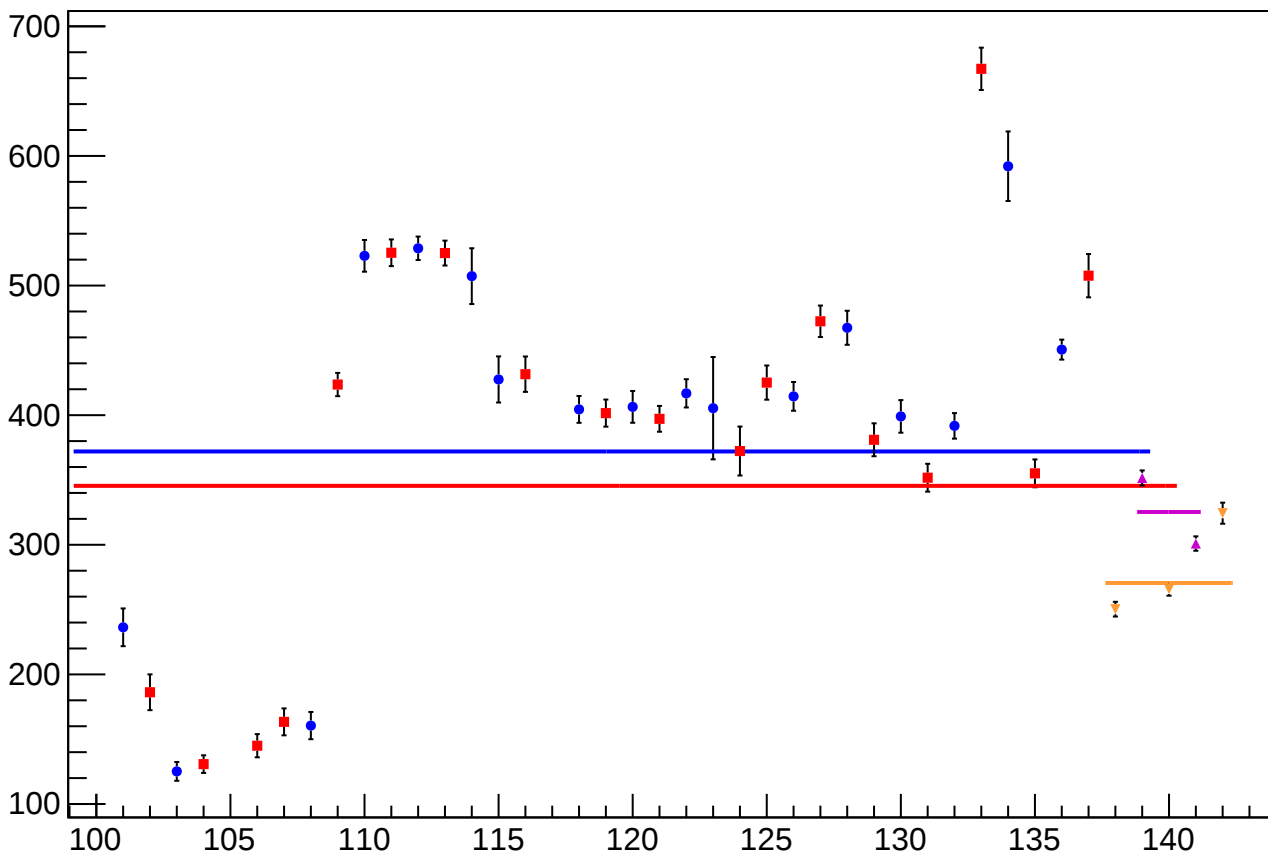
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: -0.897 ± 1.390 χ^2/NDF : 228.7/18

Out: -0.242 ± 1.234 χ^2/NDF : 255.5/20

All: -0.531 ± 0.923 χ^2/NDF : 484.3/39

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.532 $\pm$ 3.417 χ^2 /NDF:57.4/2

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 325.318 $\pm$ 4.005 χ^2 /NDF:39.9/1

Left: 293.609 $\pm$ 2.600 χ^2 /NDF: 205.6/4

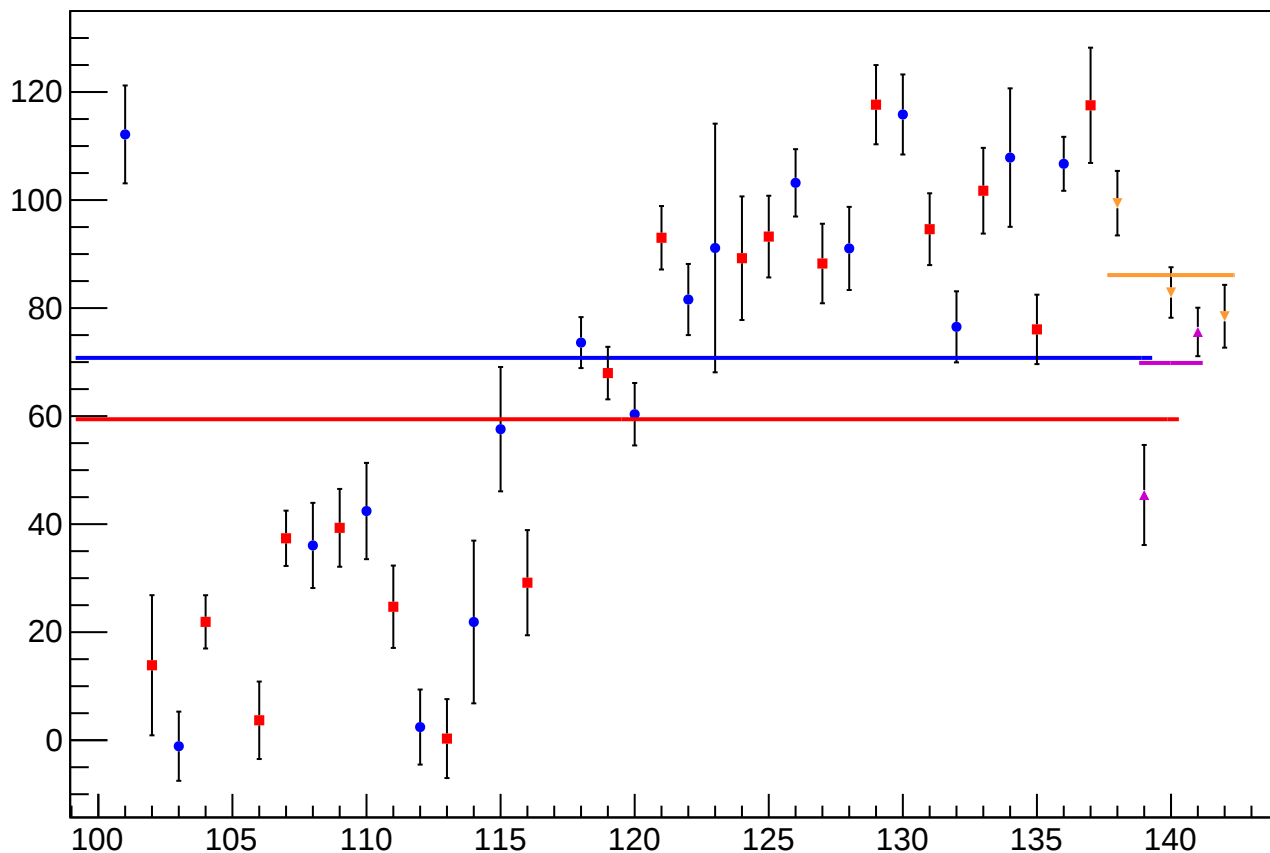
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 356.934 $\pm$ 2.275 χ^2 /NDF:2563.1/18

Out: 318.474 $\pm$ 2.051 χ^2 /NDF:3766.8/20

All: 335.715 $\pm$ 1.523 χ^2 /NDF: 6487.5/39

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 86.111 $\pm$ 3.110 χ^2 /NDF: 7.2/2

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 69.842 $\pm$ 4.039 χ^2 /NDF: 8.6/1

Left: 80.055 $\pm$ 2.464 χ^2 /NDF: 25.9/4

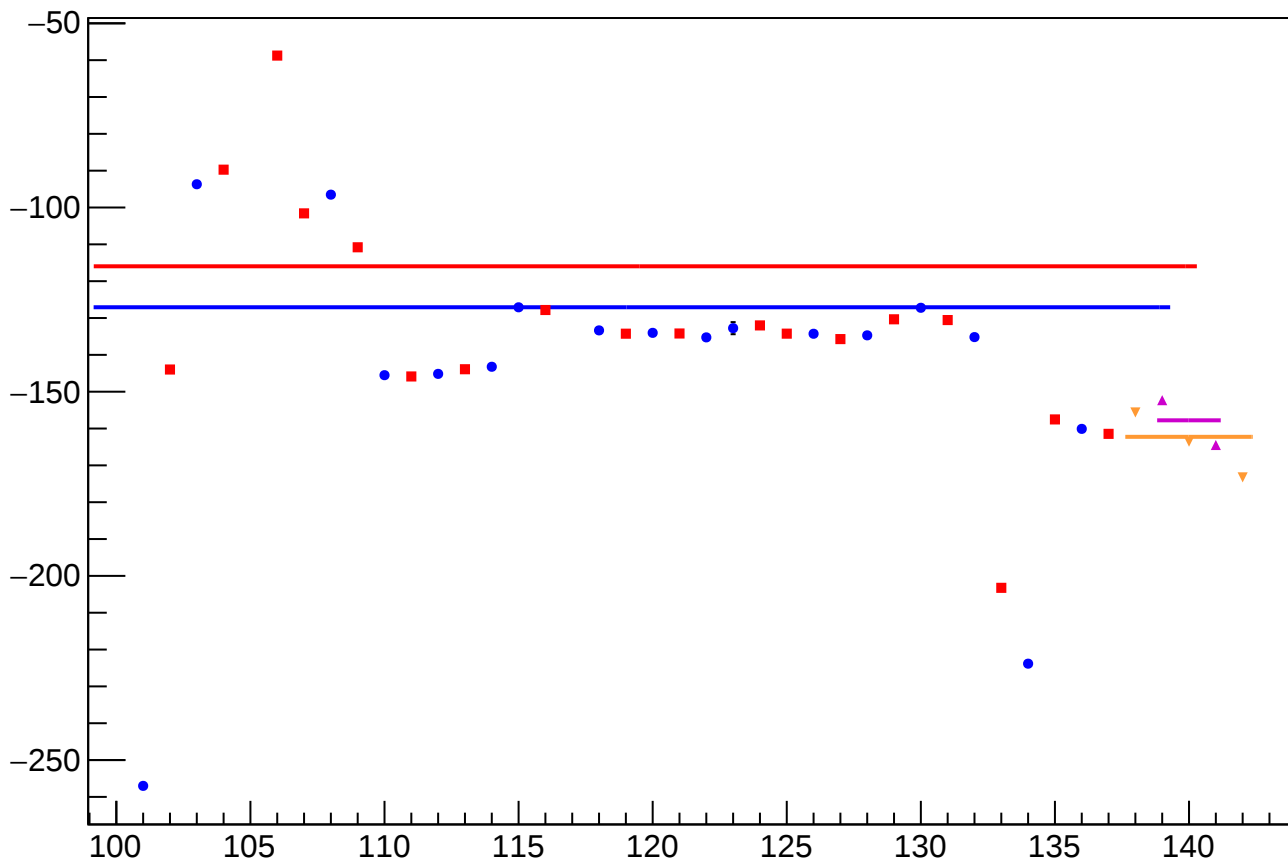
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 70.633 $\pm$ 1.603 χ^2 /NDF: 432.6/18

Out: 65.183 $\pm$ 1.445 χ^2 /NDF: 551.5/20

All: 67.626 $\pm$ 1.073 χ^2 /NDF: 990.4/39

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -162.253+/-0.142 χ^2/NDF : 2031.5/2

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -157.770+/-0.151 χ^2/NDF : 1604.2/1

Left: -160.152+/-0.103 χ^2/NDF : 4103.3/4

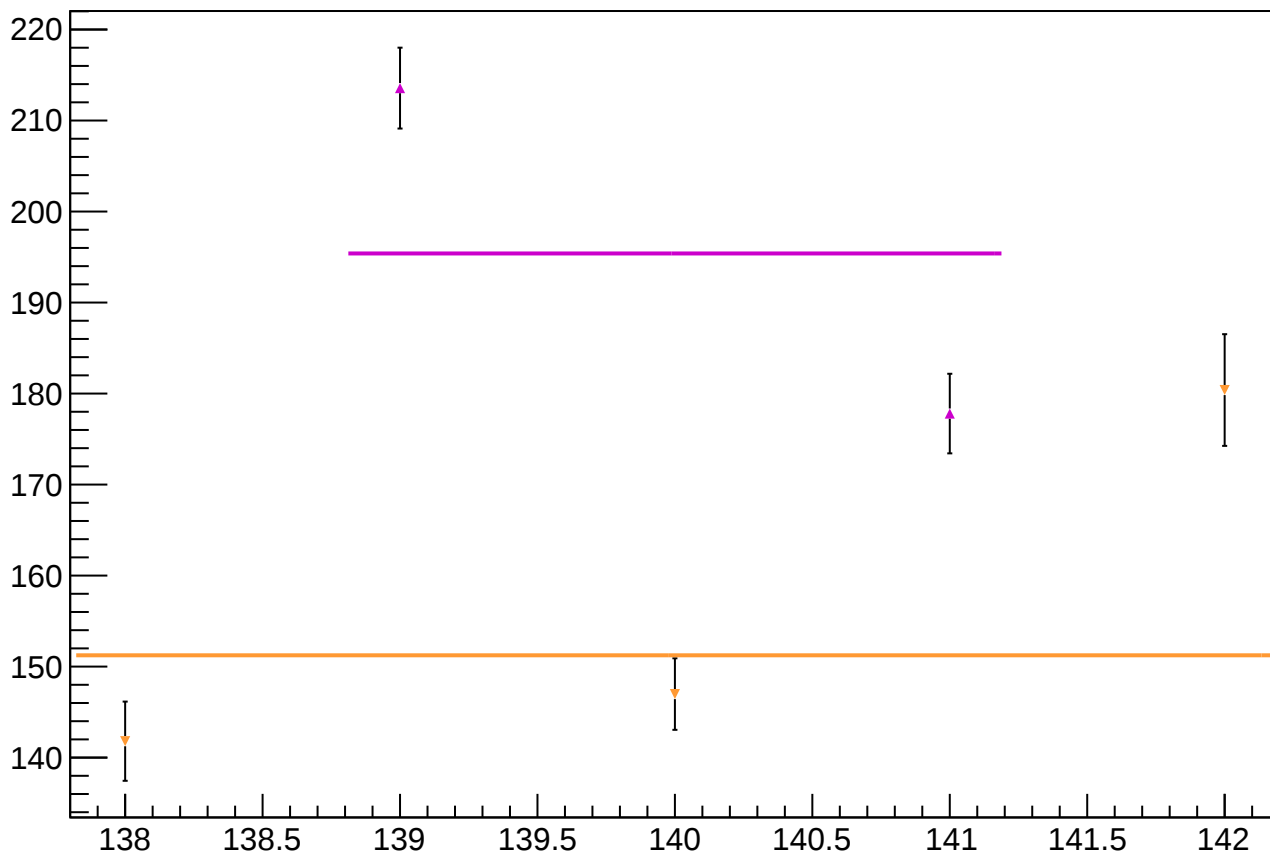
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -127.759+/-0.072 χ^2/NDF : 240280.0/20

All: -131.143+/-0.052 χ^2/NDF : 444261.5/39

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 151.240+/-2.634 χ^2/NDF :28.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.394+/-3.116 χ^2/NDF :32.9/1

Left: 169.642+/-2.012 χ^2/NDF : 178.4/4

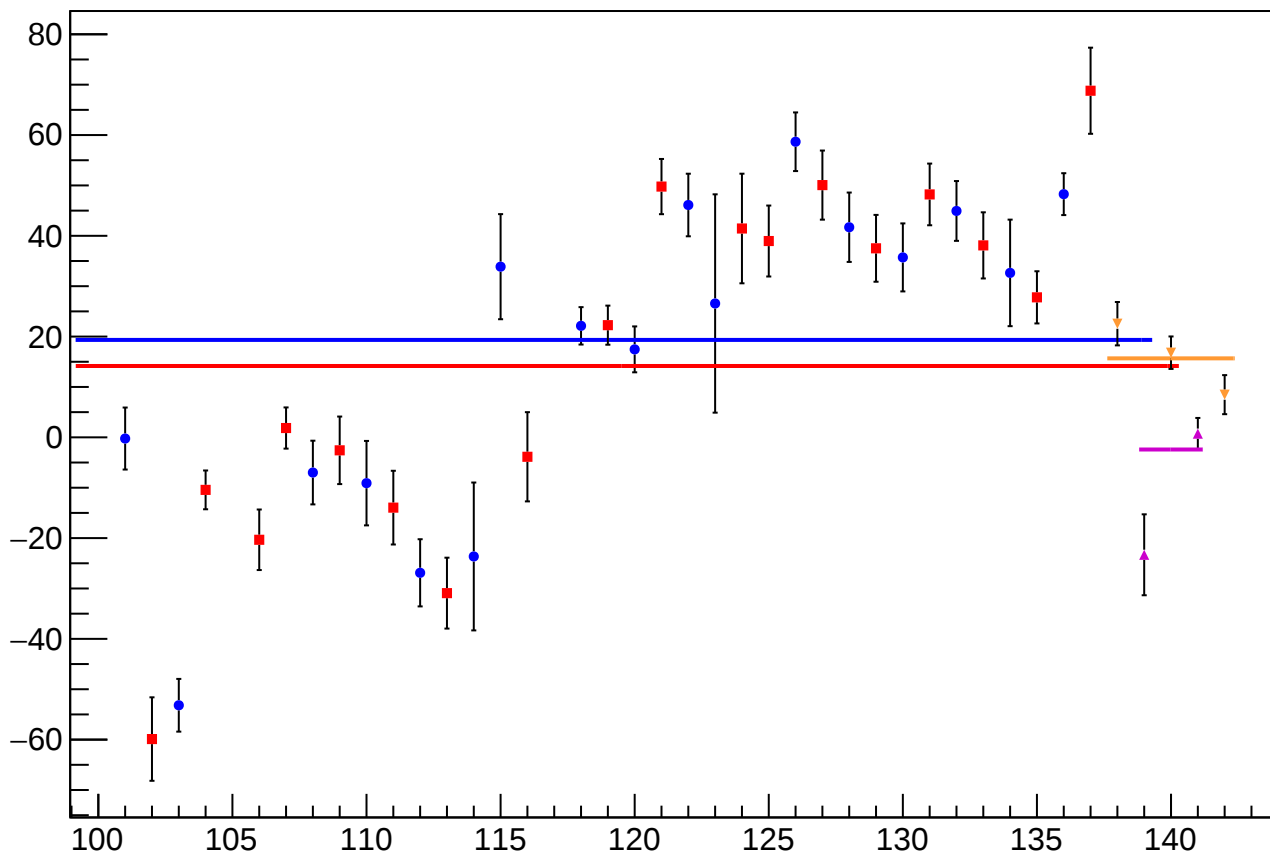
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.394+/-3.116 χ^2/NDF :32.9/1

Out: 151.240+/-2.634 χ^2/NDF :28.4/2

All: 169.642+/-2.012 χ^2/NDF : 178.4/4

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 15.676 $\pm$ 2.148 χ^2 /NDF:6.1/2

Right Out: 14.162 $\pm$ 1.391 χ^2 /NDF: 426.0/17

Left In: -2.416 $\pm$ 2.906 χ^2 /NDF:7.8/1

Left: 9.285 $\pm$ 1.727 χ^2 /NDF: 39.0/4

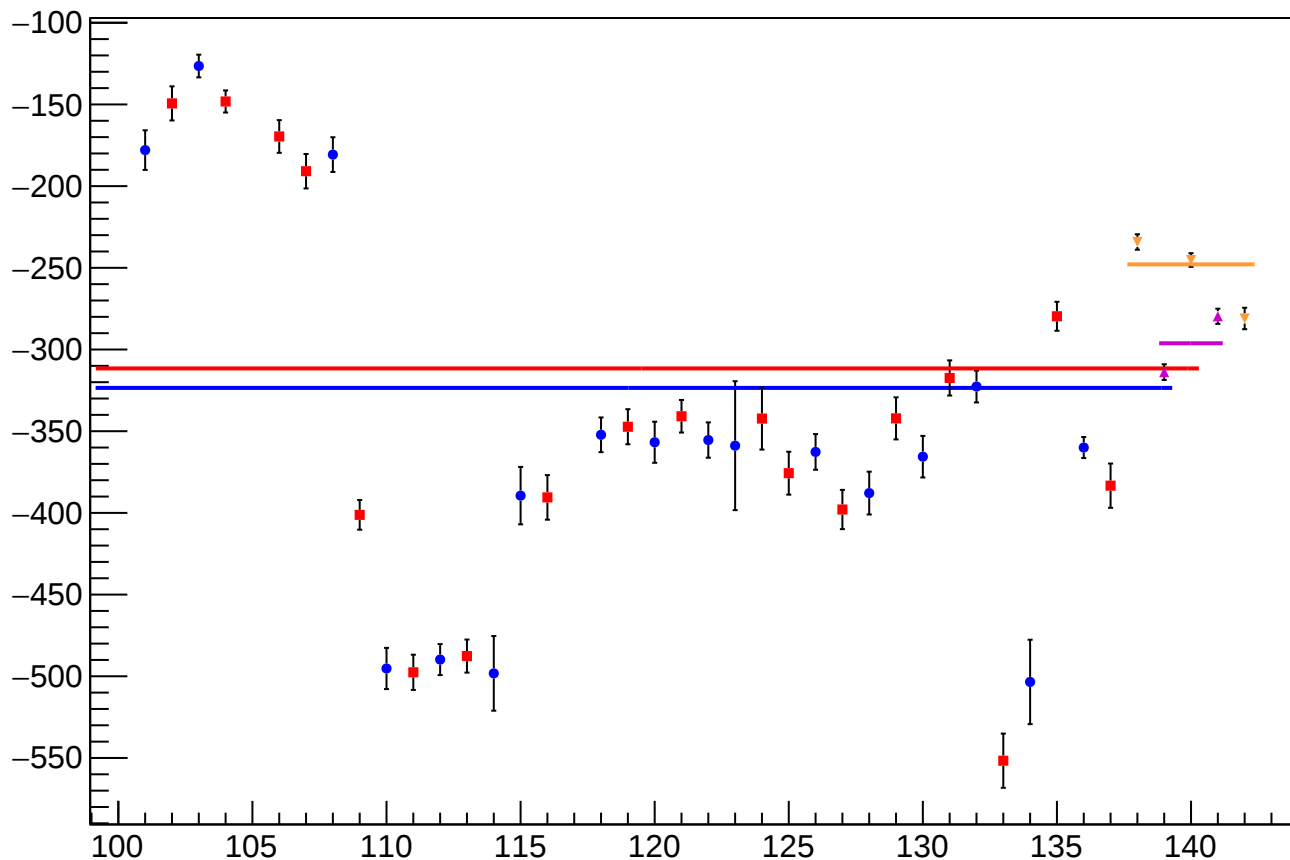
Right: 16.585 $\pm$ 1.014 χ^2 /NDF: 872.4/34

In: 14.847 $\pm$ 1.320 χ^2 /NDF:492.1/18

Out: 14.609 $\pm$ 1.168 χ^2 /NDF:432.5/20

All: 14.713 $\pm$ 0.875 χ^2 /NDF: 924.6/39

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -247.885 ± 2.826 χ^2/NDF : 34.3/2

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -296.170 ± 3.342 χ^2/NDF : 26.1/1

Left: -268.016 ± 2.158 χ^2/NDF : 182.1/4

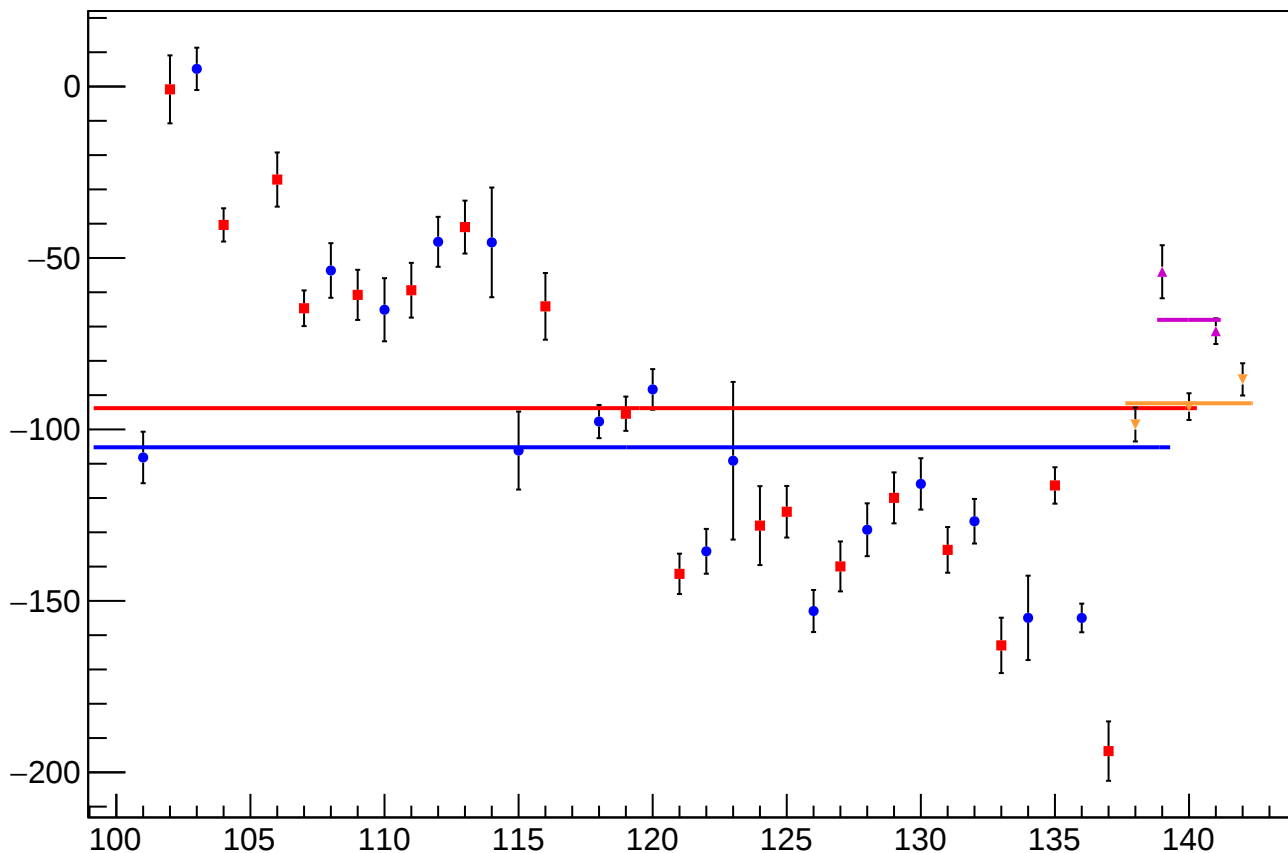
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -312.834 ± 2.087 χ^2/NDF : 1914.4/18

Out: -283.276 ± 1.884 χ^2/NDF : 2560.3/20

All: -296.544 ± 1.398 χ^2/NDF : 4585.2/39

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -92.376 ± 2.564 χ^2/NDF : 3.8/2

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -68.041 ± 3.376 χ^2/NDF : 4.1/1

Left: -83.477 ± 2.042 χ^2/NDF : 40.8/4

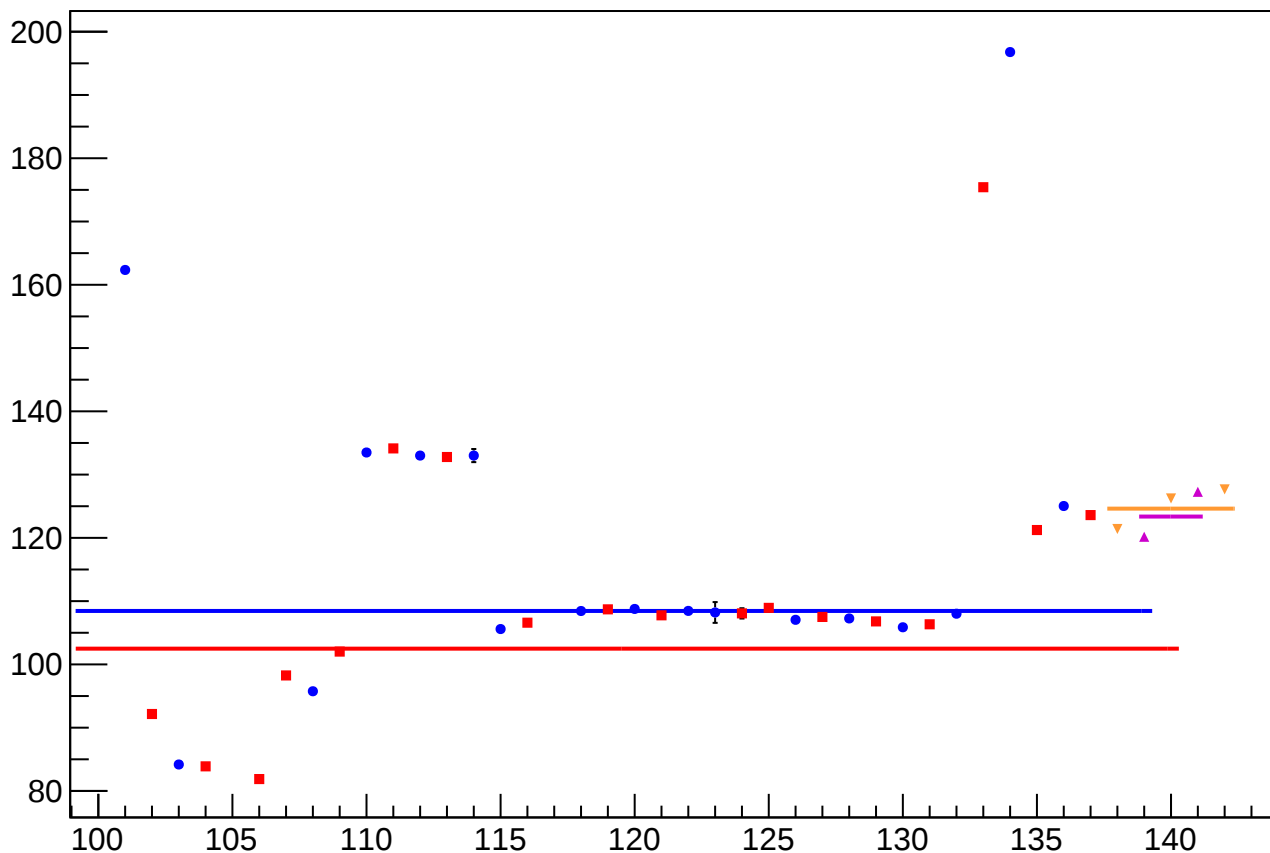
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -97.710 ± 1.516 χ^2/NDF : 836.4/18

Out: -93.392 ± 1.364 χ^2/NDF : 819.5/20

All: -95.324 ± 1.014 χ^2/NDF : 1660.4/39

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 124.621 $\pm$ 0.117 χ^2 /NDF: 505.4/2

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 123.367 $\pm$ 0.126 χ^2 /NDF: 784.7/1

Left: 124.040 $\pm$ 0.086 χ^2 /NDF: 1343.0/4

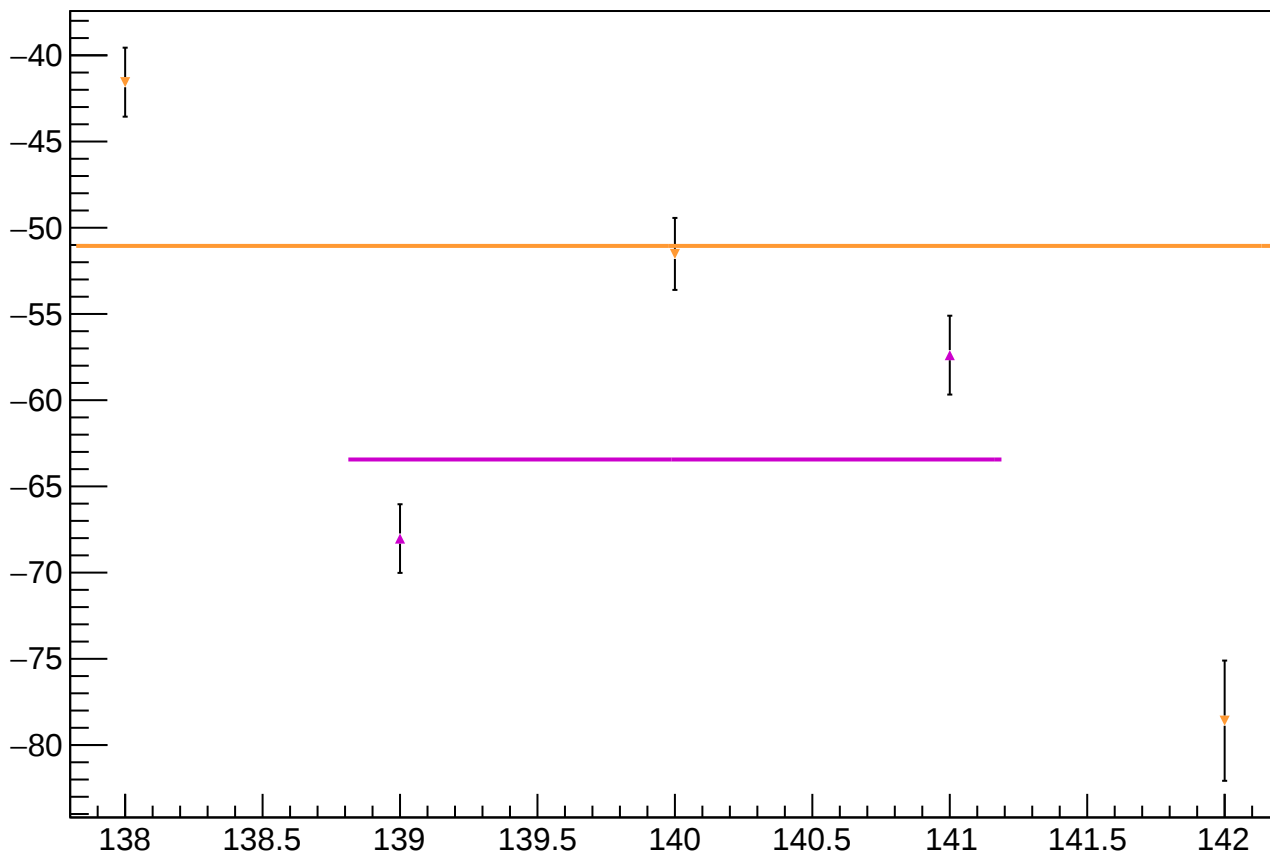
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 113.090 $\pm$ 0.070 χ^2 /NDF: 83681.6/18

Out: 109.468 $\pm$ 0.066 χ^2 /NDF: 77786.5/20

All: 111.159 $\pm$ 0.048 χ^2 /NDF: 162879.7/39

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.054+/-1.334 χ^2/NDF : 85.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.440+/-1.501 χ^2/NDF : 12.3/1

Left: -56.520+/-0.997 χ^2/NDF : 135.3/4

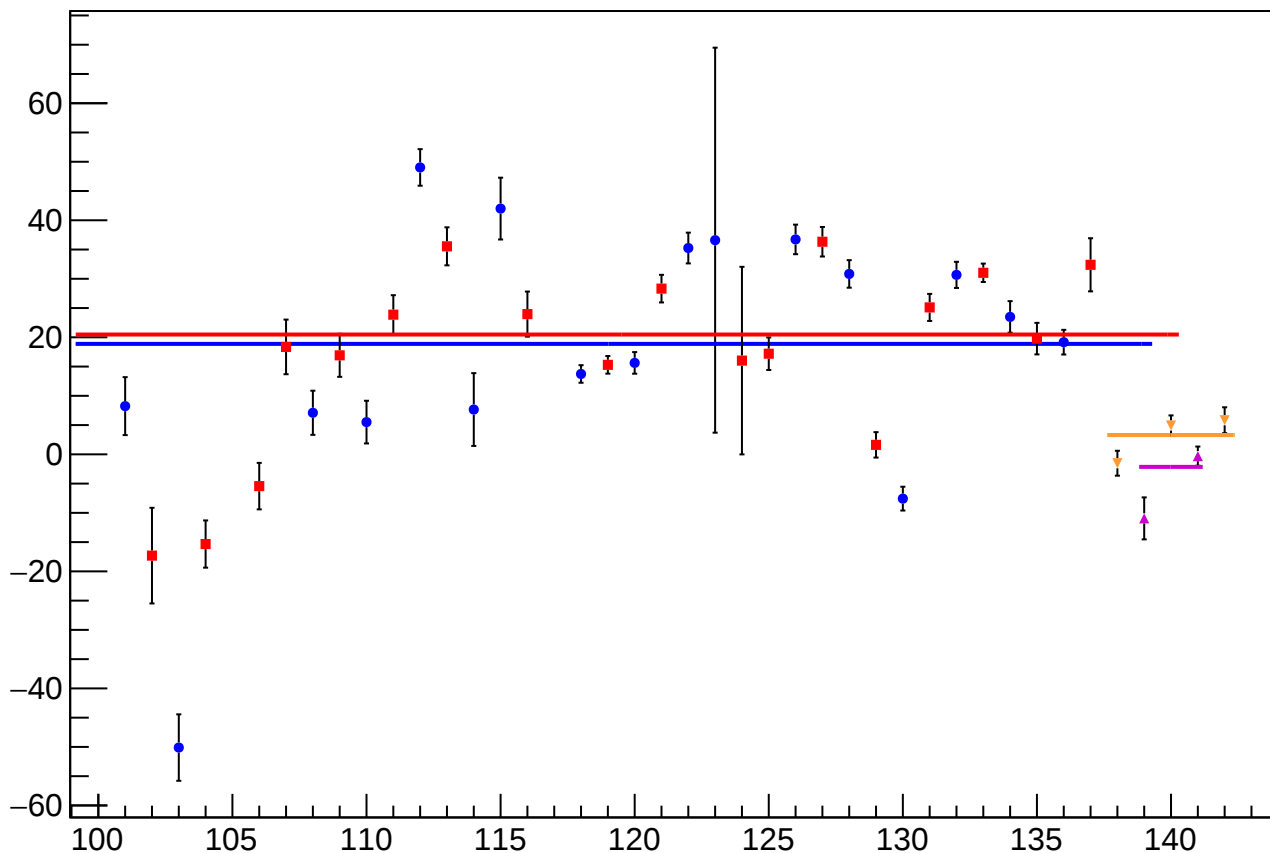
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.440+/-1.501 χ^2/NDF : 12.3/1

Out: -51.054+/-1.334 χ^2/NDF : 85.0/2

All: -56.520+/-0.997 χ^2/NDF : 135.3/4

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 3.303+/-1.146 χ^2/NDF : 7.3/2

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: -2.143+/-1.490 χ^2/NDF : 7.3/1

Left: 1.279+/-0.908 χ^2/NDF : 23.0/4

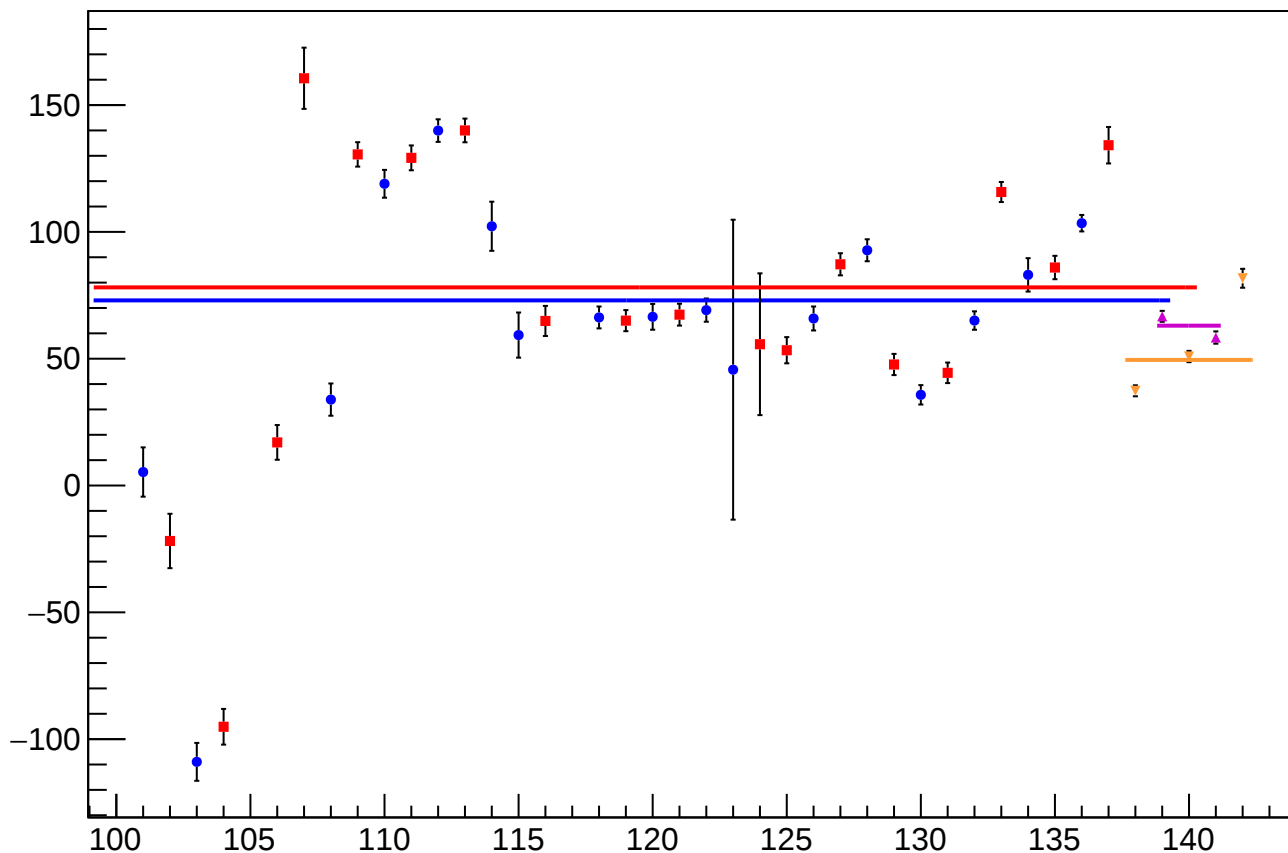
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 15.563+/-0.591 χ^2/NDF : 795.4/18

Out: 16.357+/-0.561 χ^2/NDF : 540.5/20

All: 15.981+/-0.407 χ^2/NDF : 1336.8/39

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 49.522 $\pm$ 1.434 χ^2 /NDF:106.2/2

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 63.028 $\pm$ 1.613 χ^2 /NDF:6.6/1

Left: 55.483 $\pm$ 1.072 χ^2 /NDF: 152.0/4

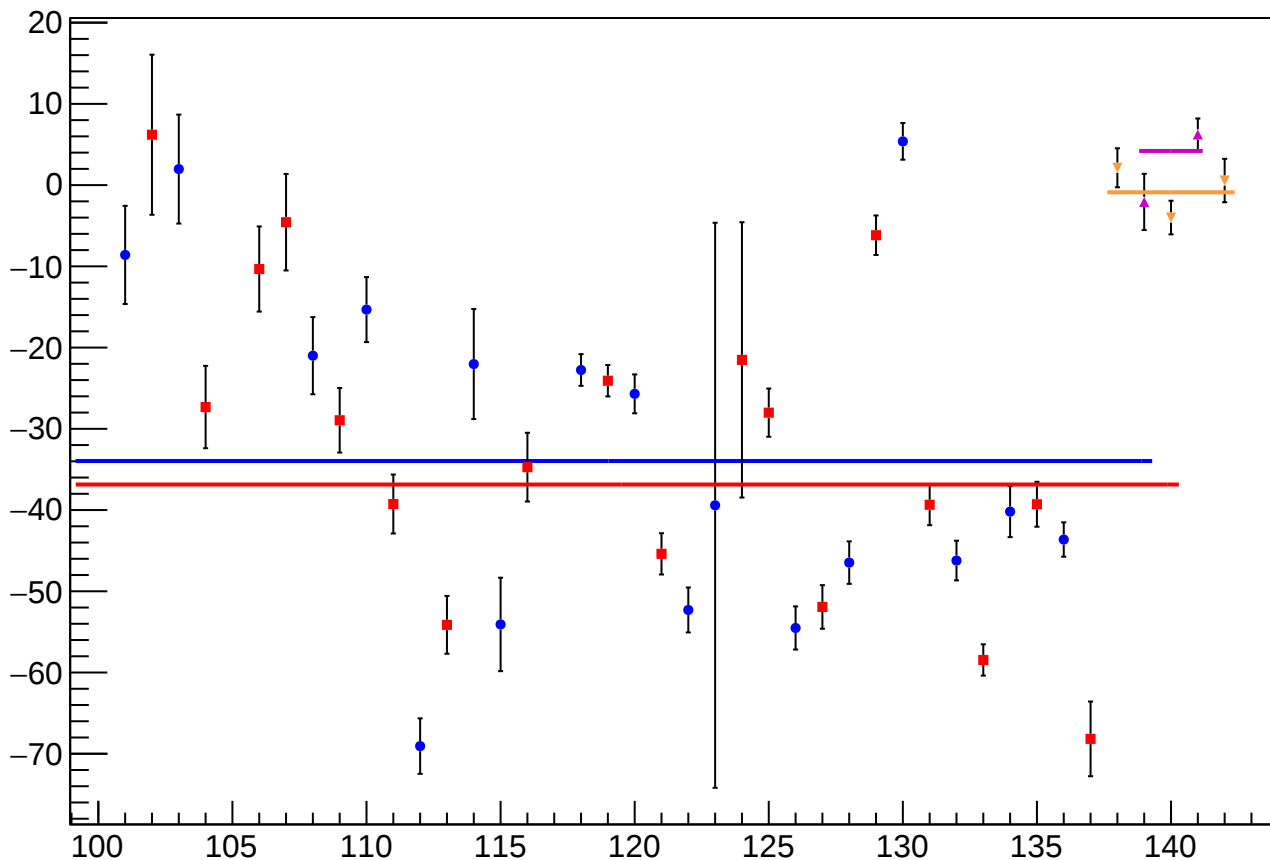
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 69.328 $\pm$ 0.978 χ^2 /NDF:1236.2/18

Out: 66.065 $\pm$ 0.931 χ^2 /NDF:1883.2/20

All: 67.616 $\pm$ 0.674 χ^2 /NDF: 3125.2/39

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -0.884 ± 1.352 χ^2/NDF : 4.1/2

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: 4.206 ± 1.708 χ^2/NDF : 4.4/1

Left: 1.077 ± 1.060 χ^2/NDF : 14.0/4

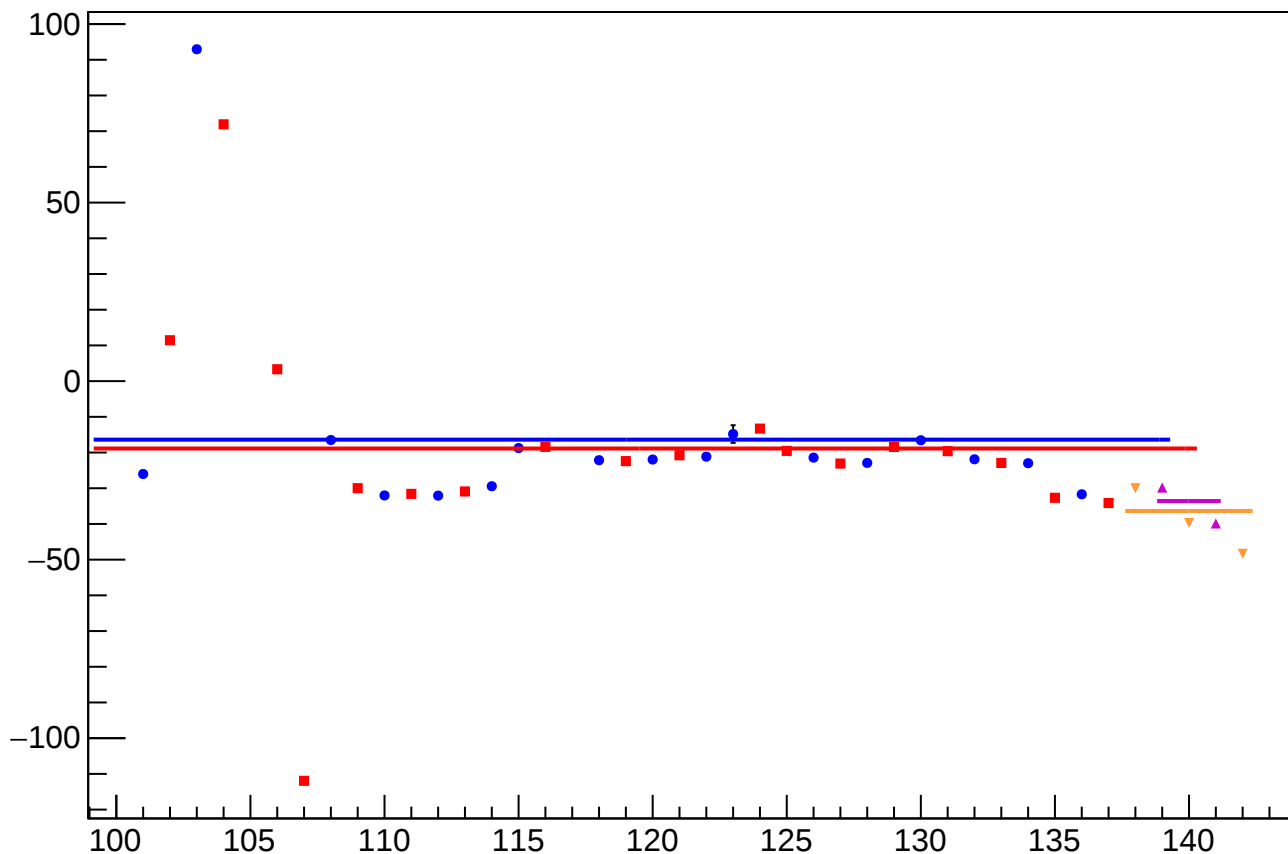
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -27.968 ± 0.677 χ^2/NDF : 1147.1/18

Out: -28.618 ± 0.647 χ^2/NDF : 1085.1/20

All: -28.307 ± 0.468 χ^2/NDF : 2232.7/39

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -36.366 ± 0.059 $\chi^2/\text{NDF}: 13331.5/2$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -33.579 ± 0.060 $\chi^2/\text{NDF}: 6579.0/1$

Left: -35.006 ± 0.042 $\chi^2/\text{NDF}: 21014.8/4$

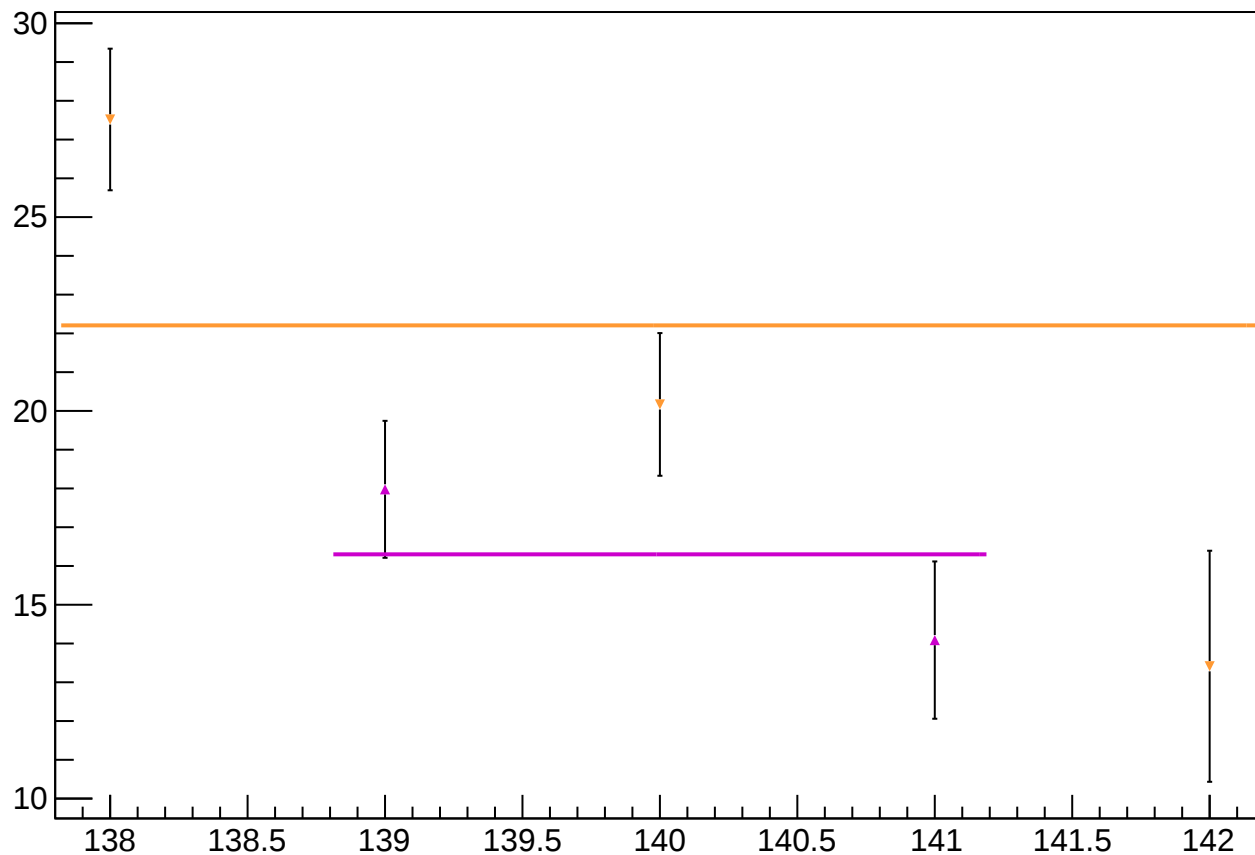
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -22.481 ± 0.036 $\chi^2/\text{NDF}: 533872.9/18$

Out: -25.416 ± 0.036 $\chi^2/\text{NDF}: 502499.9/20$

All: -23.944 ± 0.025 $\chi^2/\text{NDF}: 1039737.2/39$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.207+/-1.189 χ^2/NDF :18.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.300+/-1.332 χ^2/NDF :2.1/1

Left: 19.589+/-0.887 χ^2/NDF : 31.4/4

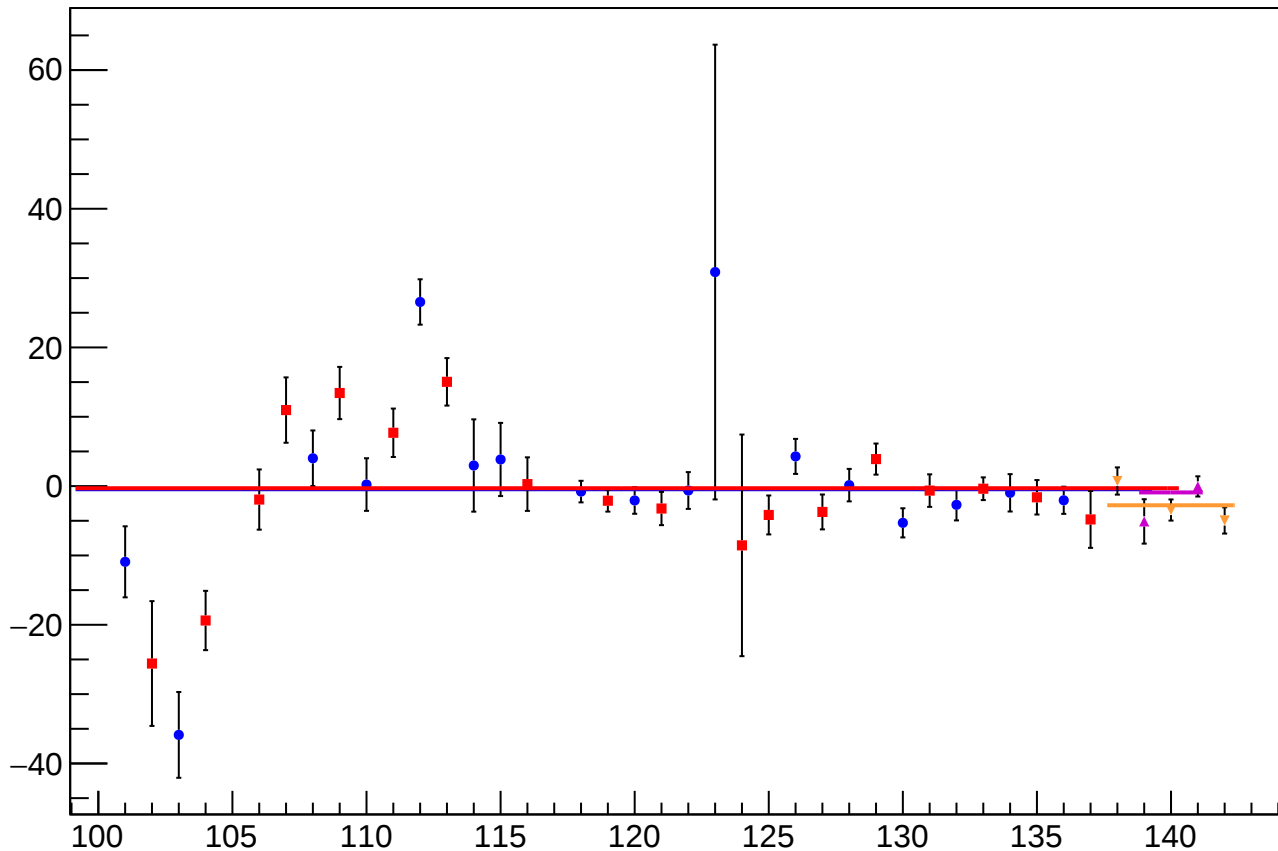
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.300+/-1.332 χ^2/NDF :2.1/1

Out: 22.207+/-1.189 χ^2/NDF :18.4/2

All: 19.589+/-0.887 χ^2/NDF : 31.4/4

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.762 ± 1.016 χ^2/NDF : 4.7/2

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.911 ± 1.326 χ^2/NDF : 2.1/1

Left: -2.078 ± 0.806 χ^2/NDF : 8.0/4

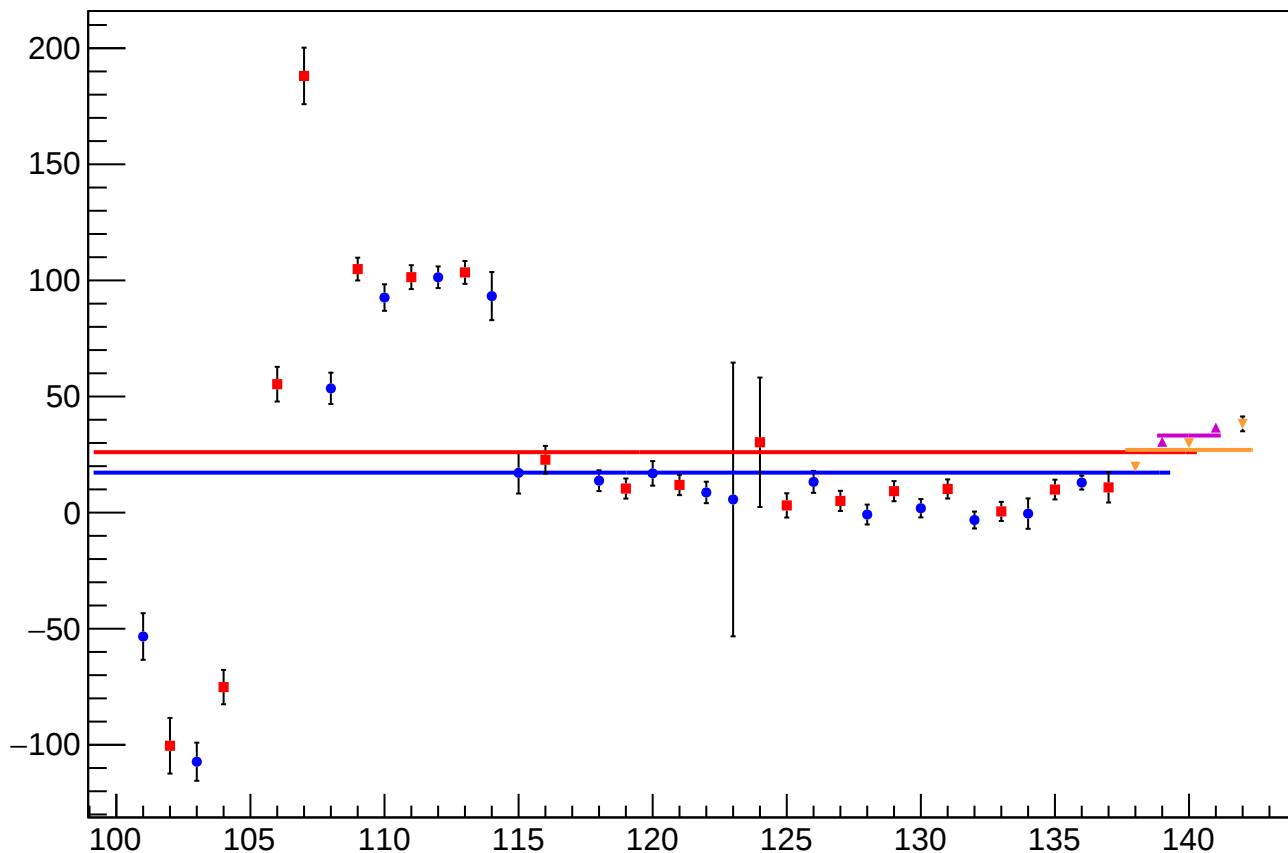
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

Out: -1.031 ± 0.552 χ^2/NDF : 93.0/20

All: -0.801 ± 0.402 χ^2/NDF : 215.0/39

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 27.001+/-1.277 χ^2/NDF : 27.9/2

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 33.199+/-1.431 χ^2/NDF : 4.5/1

Left: 29.750+/-0.953 χ^2/NDF : 42.8/4

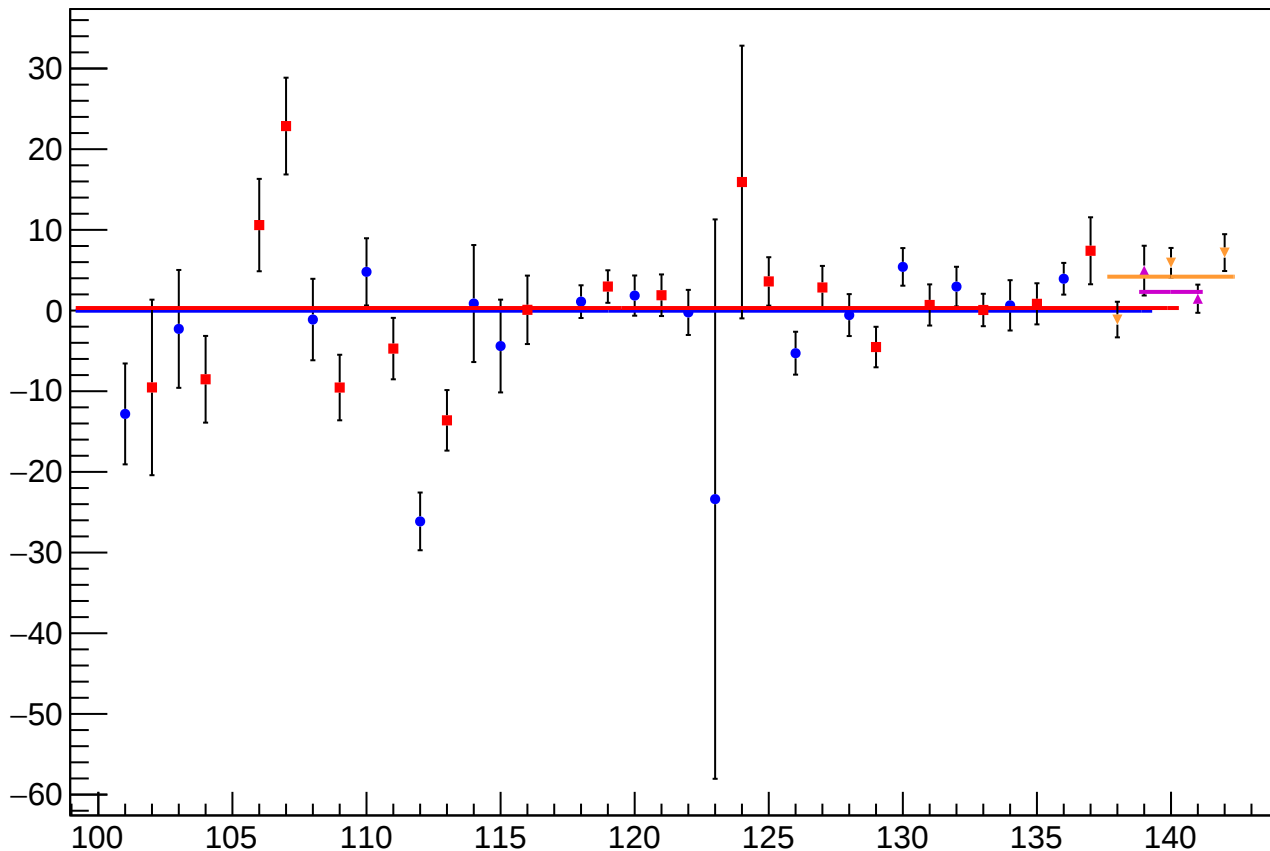
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 24.079+/-0.937 χ^2/NDF : 1015.8/18

Out: 26.504+/-0.891 χ^2/NDF : 1394.1/20

All: 25.353+/-0.646 χ^2/NDF : 2413.5/39

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 4.198 ± 1.198 $\chi^2/\text{NDF}: 8.4/2$

Right Out: 0.311 ± 0.749 $\chi^2/\text{NDF}: 54.1/17$

Left In: 2.310 ± 1.519 $\chi^2/\text{NDF}: 1.0/1$

Left: 3.474 ± 0.941 $\chi^2/\text{NDF}: 10.3/4$

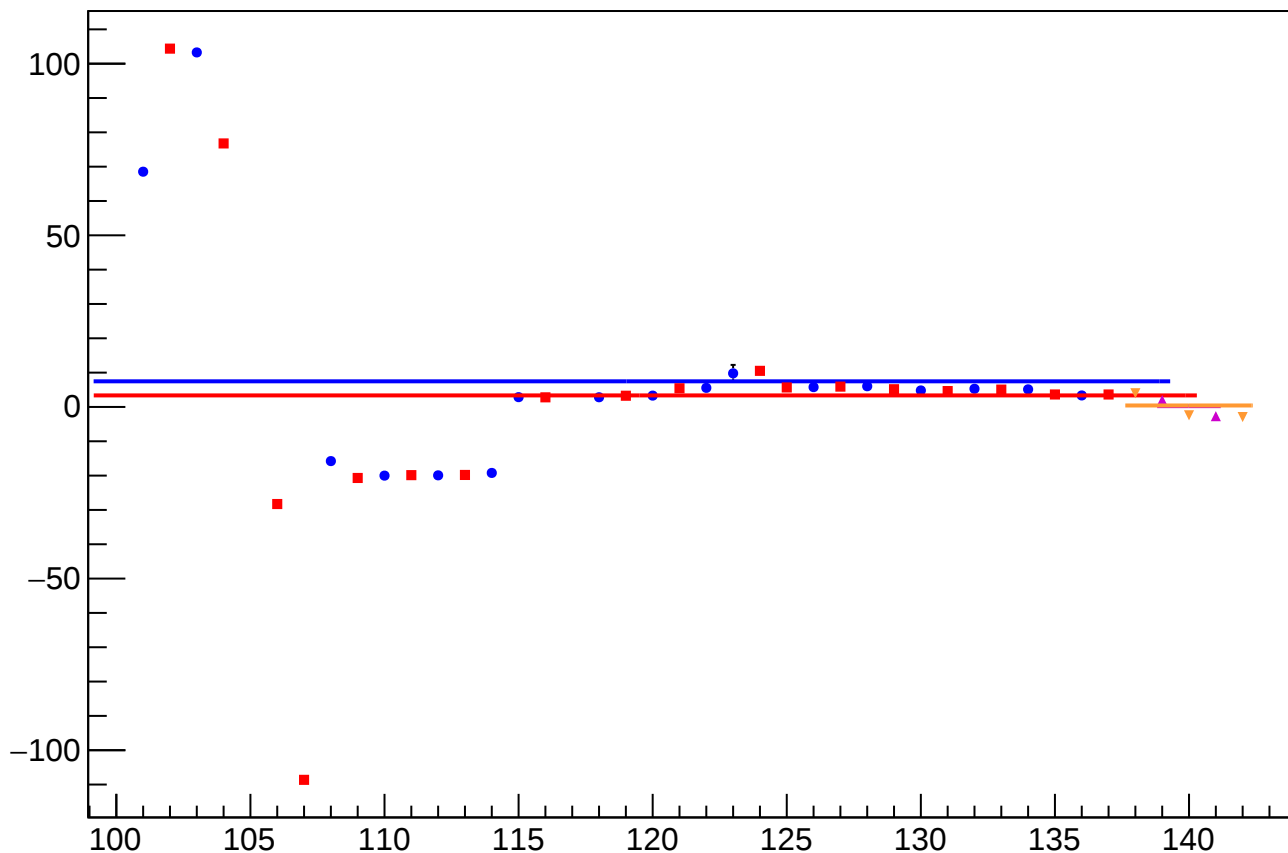
Right: 0.144 ± 0.528 $\chi^2/\text{NDF}: 130.0/34$

In: 0.430 ± 0.669 $\chi^2/\text{NDF}: 78.7/18$

Out: 1.404 ± 0.635 $\chi^2/\text{NDF}: 70.1/20$

All: 0.942 ± 0.461 $\chi^2/\text{NDF}: 149.9/39$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 0.429 ± 0.052 χ^2/NDF : 3973.4/2

Right Out: 3.362 ± 0.046 χ^2/NDF : 504811.4/17

Left In: 0.236 ± 0.053 χ^2/NDF : 1827.0/1

Left: 0.335 ± 0.037 χ^2/NDF : 5807.1/4

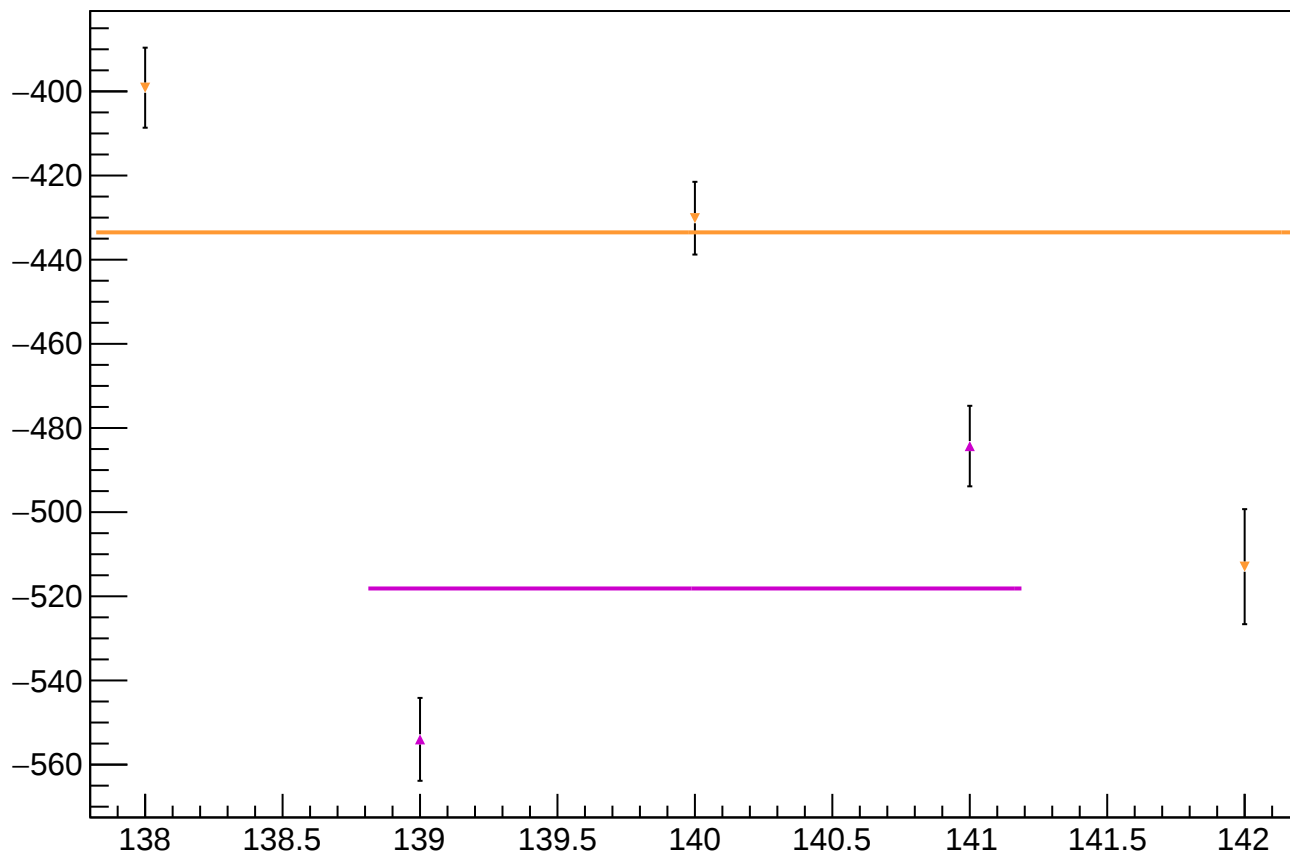
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 4.503 ± 0.034 χ^2/NDF : 368554.2/18

Out: 2.090 ± 0.034 χ^2/NDF : 510579.3/20

All: 3.302 ± 0.024 χ^2/NDF : 881618.5/39

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -433.507+/-5.794 χ^2/NDF : 47.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -518.141+/-6.863 χ^2/NDF : 25.8/1

Left: -468.724+/-4.427 χ^2/NDF : 161.6/4

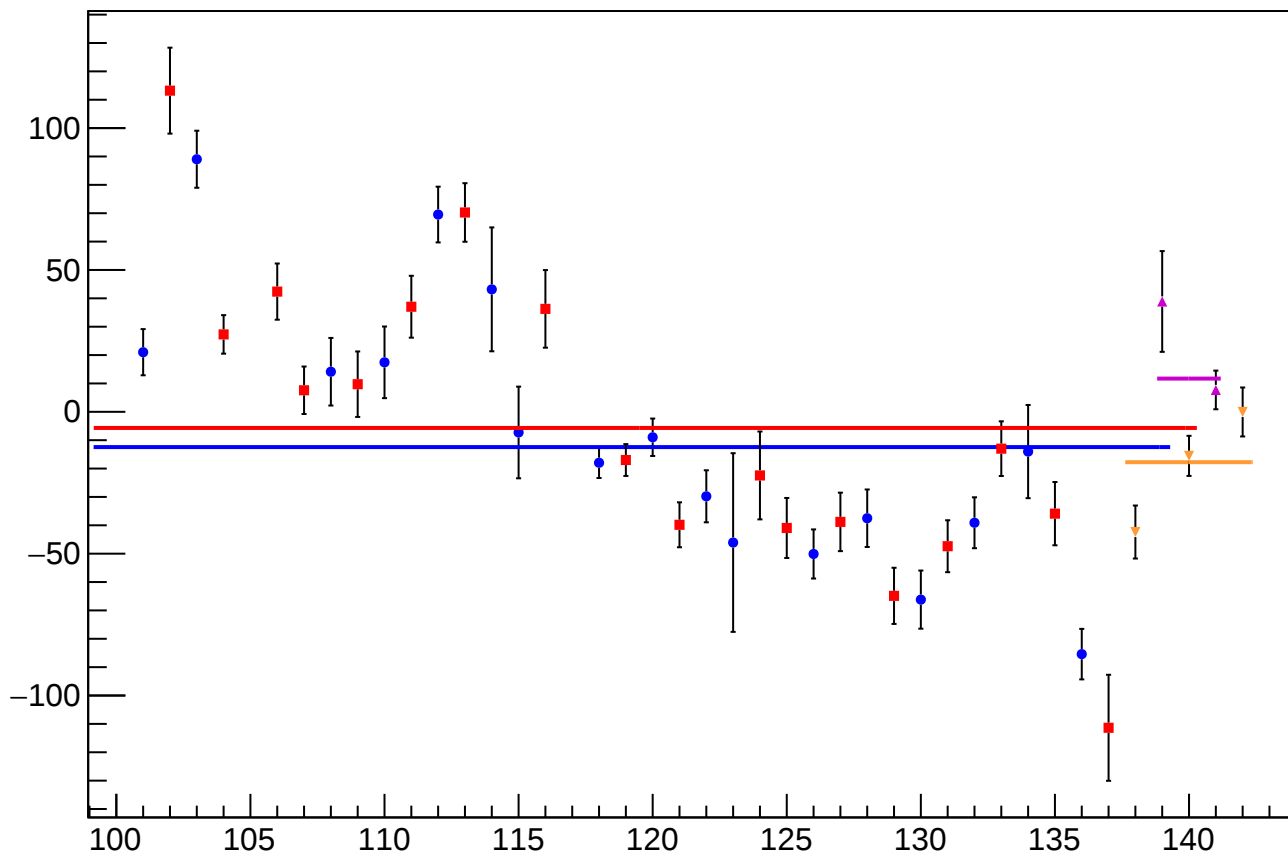
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -518.141+/-6.863 χ^2/NDF : 25.8/1

Out: -433.507+/-5.794 χ^2/NDF : 47.0/2

All: -468.724+/-4.427 χ^2/NDF : 161.6/4

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -17.754 ± 4.719 χ^2/NDF : 11.3/2

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 11.713 ± 6.361 χ^2/NDF : 2.7/1

Left: -7.294 ± 3.790 χ^2/NDF : 27.8/4

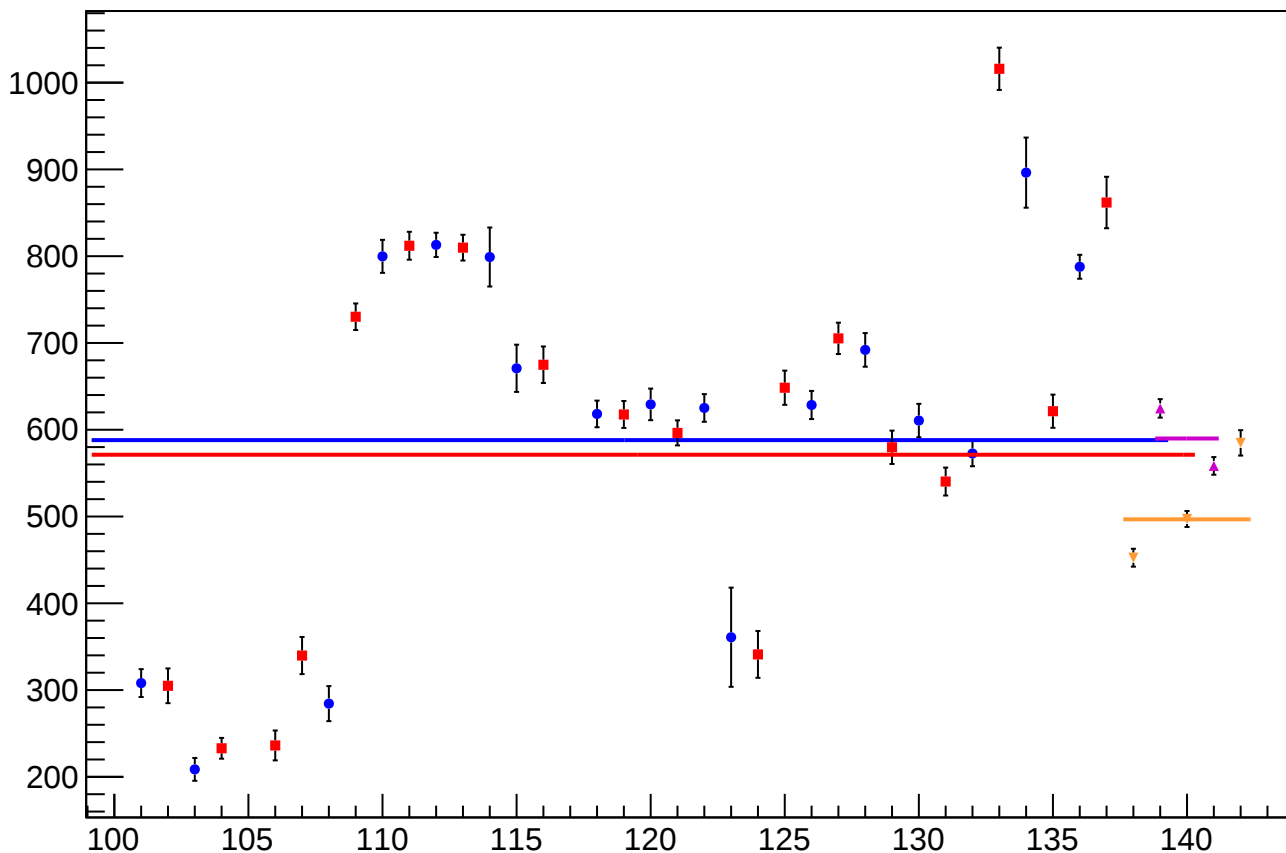
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -9.607 ± 2.175 χ^2/NDF : 355.6/18

Out: -7.943 ± 2.040 χ^2/NDF : 350.2/20

All: -8.722 ± 1.488 χ^2/NDF : 706.2/39

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 496.765+/-6.215 χ^2/NDF : 54.7/2

Right Out: 571.196+/-4.151 χ^2/NDF : 2680.4/17

Left In: 589.905+/-7.360 χ^2/NDF : 20.2/1

Left: 535.532+/-4.749 χ^2/NDF : 168.4/4

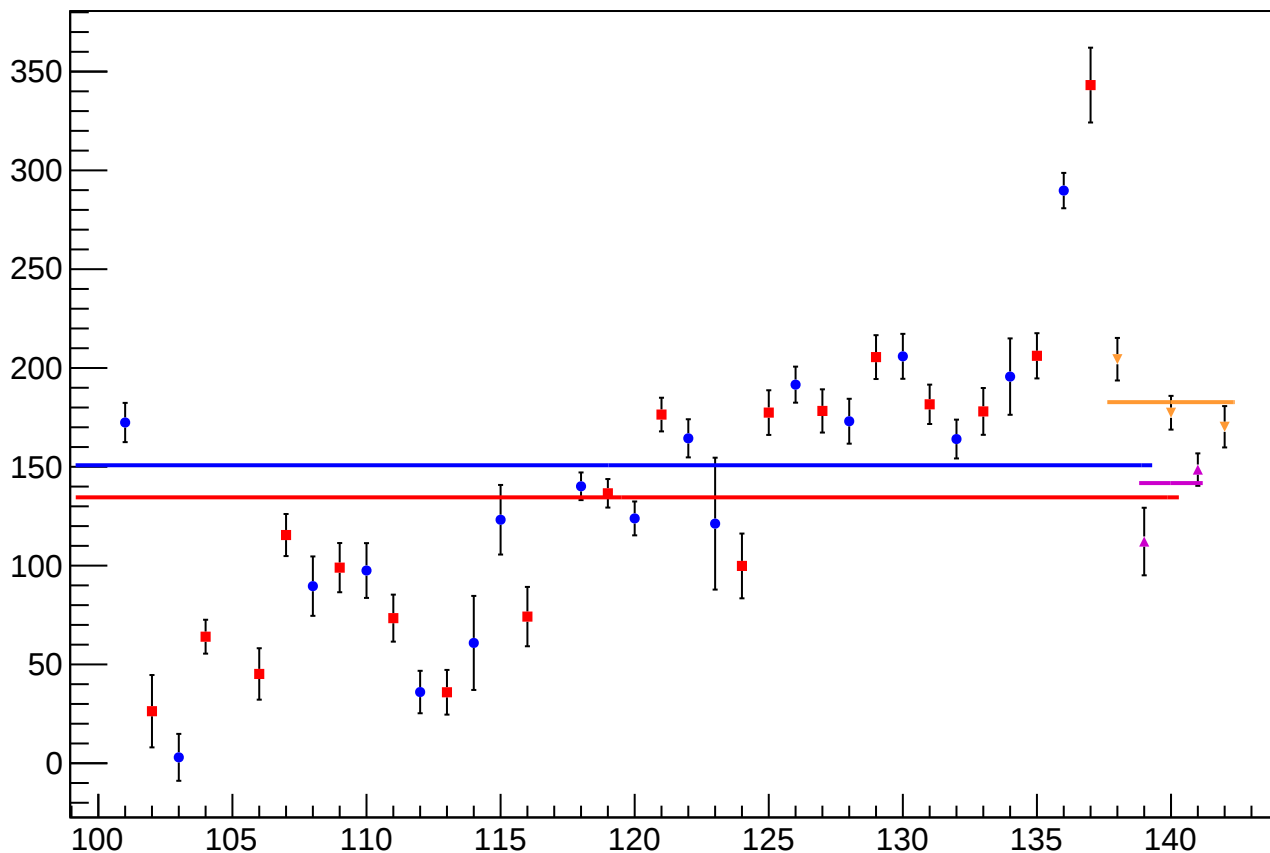
Right: 579.261+/-2.996 χ^2/NDF : 4816.0/34

In: 588.515+/-3.731 χ^2/NDF : 2148.0/18

Out: 548.239+/-3.452 χ^2/NDF : 2834.2/20

All: 566.811+/-2.534 χ^2/NDF : 5045.0/39

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 182.722 $\pm$ 5.636 χ^2 /NDF: 5.9/2

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 141.766 $\pm$ 7.399 χ^2 /NDF: 3.7/1

Left: 167.685 $\pm$ 4.483 χ^2 /NDF: 29.0/4

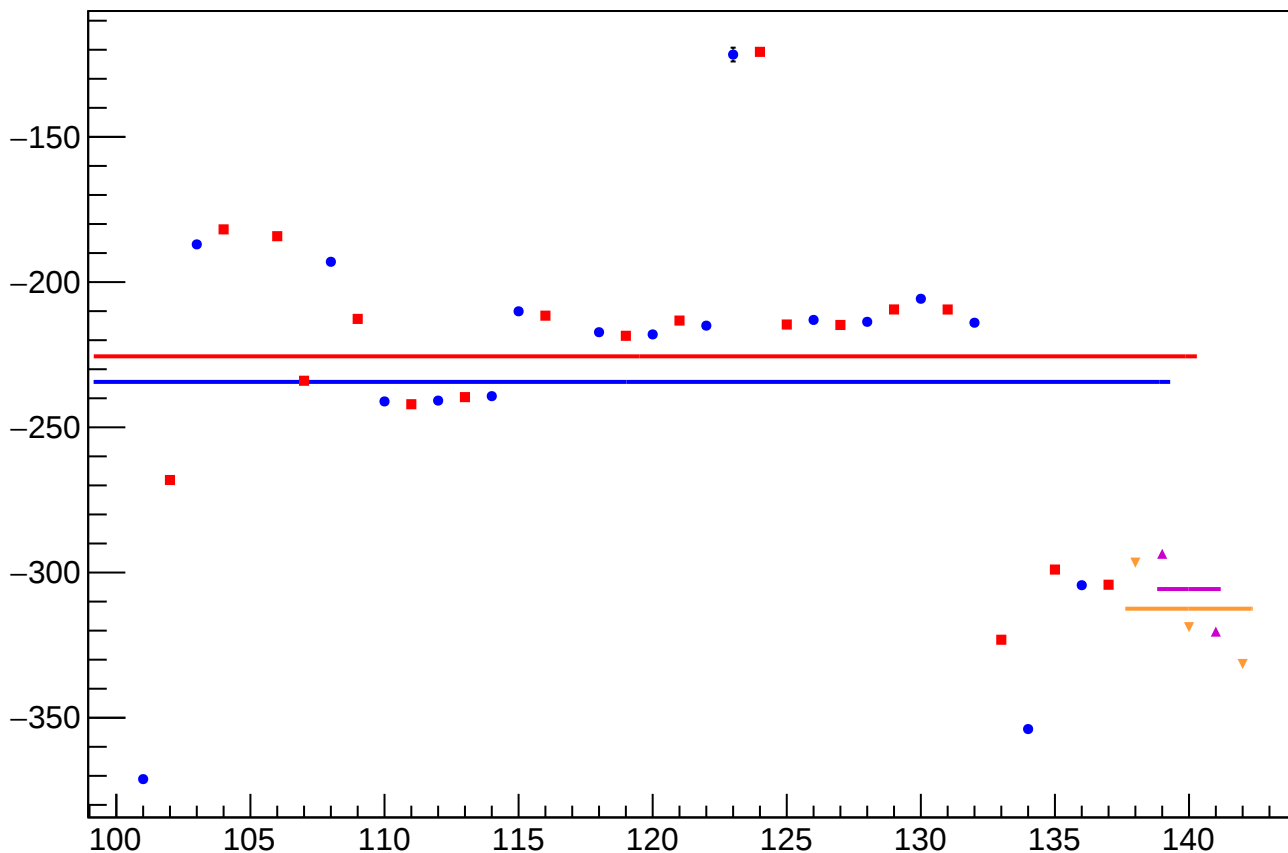
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 149.740 $\pm$ 2.519 χ^2 /NDF: 638.1/18

Out: 143.106 $\pm$ 2.375 χ^2 /NDF: 642.2/20

All: 146.228 $\pm$ 1.728 χ^2 /NDF: 1284.0/39

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -312.447+/-0.258 χ^2/NDF : 2789.0/2

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -305.687+/-0.278 χ^2/NDF : 2305.5/1

Left: -309.313+/-0.189 χ^2/NDF : 5412.0/4

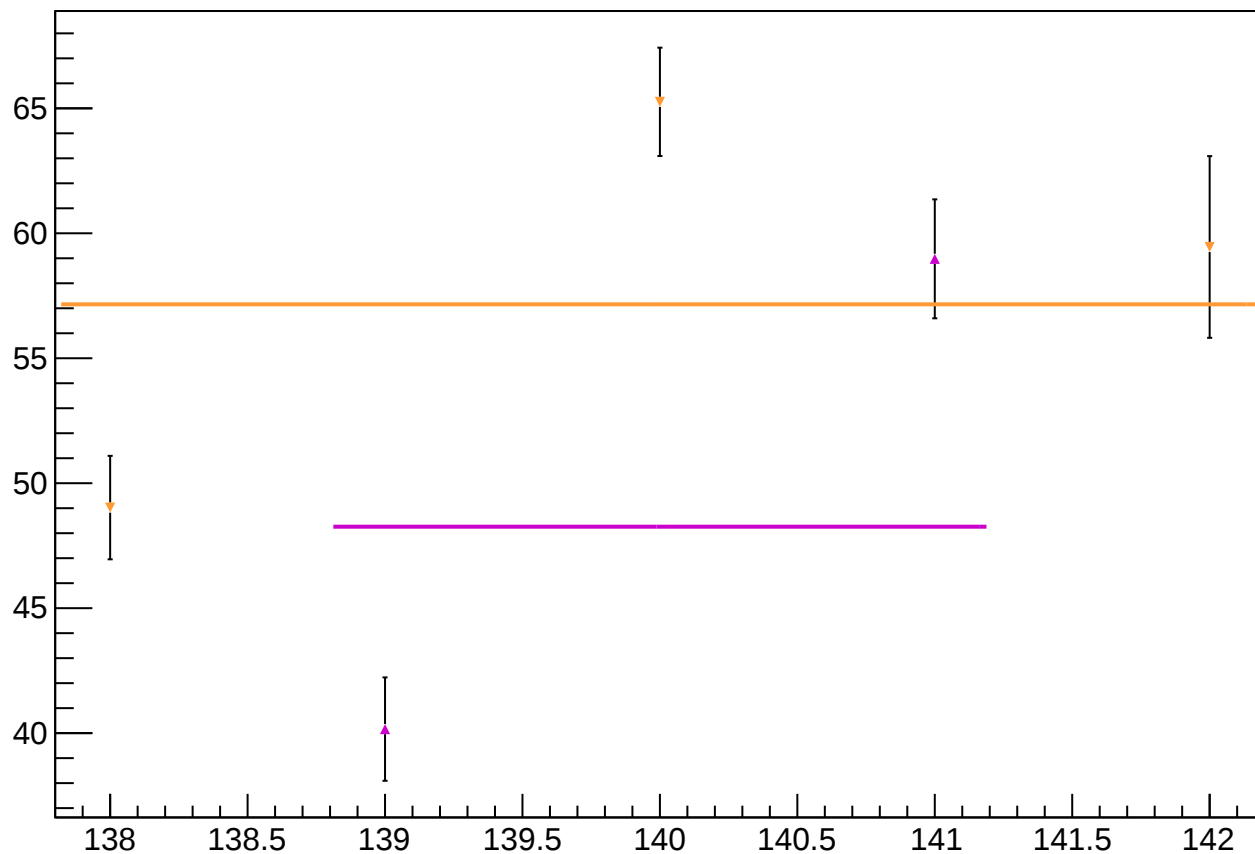
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -250.204+/-0.131 χ^2/NDF : 198727.2/18

Out: -245.708+/-0.124 χ^2/NDF : 182645.5/20

All: -247.841+/-0.090 χ^2/NDF : 381992.4/39

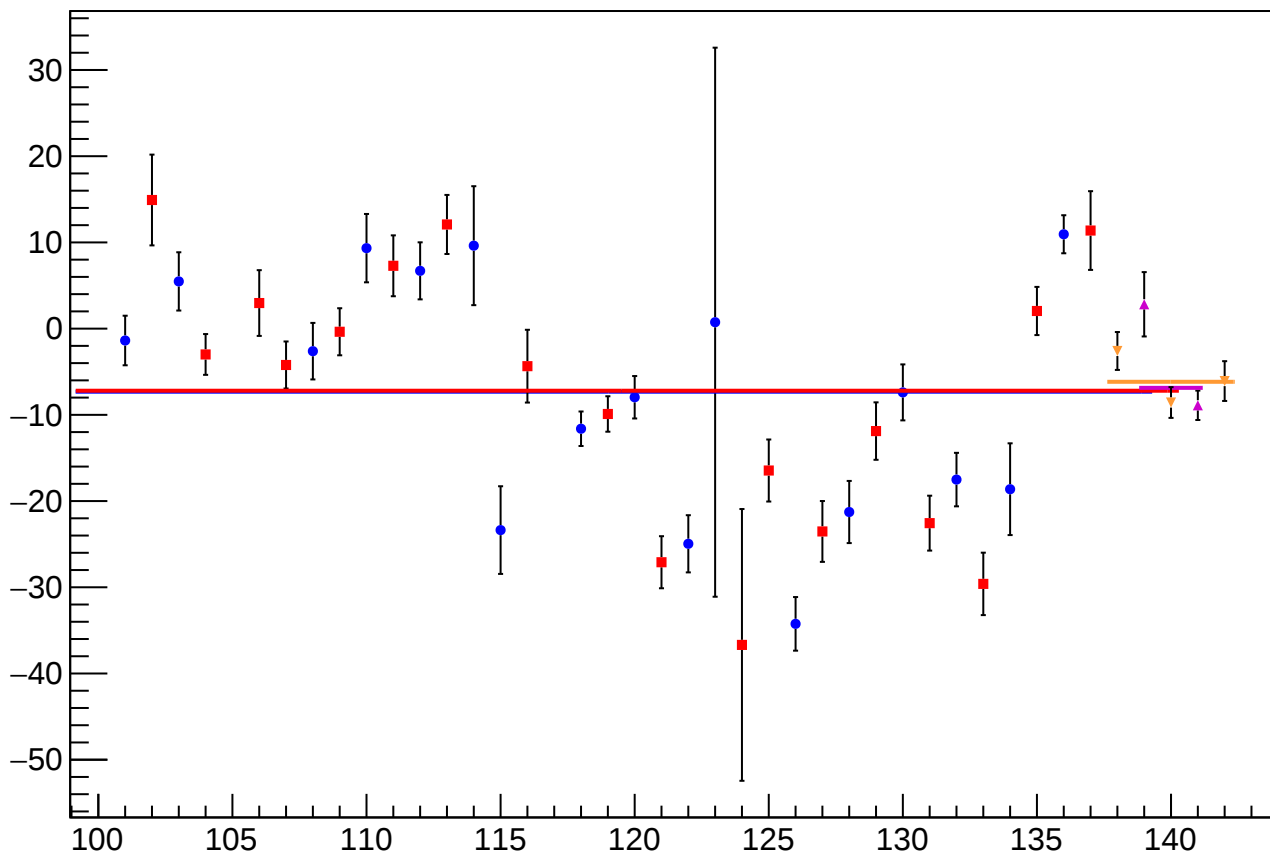
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.157+/-1.384 χ^2/NDF :29.8/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 48.260+/-1.561 χ^2/NDF :35.6/1

Left: 53.241+/-1.036 χ^2/NDF : 83.6/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 48.260+/-1.561 χ^2/NDF :35.6/1
 Out: 57.157+/-1.384 χ^2/NDF :29.8/2
 All: 53.241+/-1.036 χ^2/NDF : 83.6/4

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -6.166 ± 1.187 χ^2/NDF : 4.5/2

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.869 ± 1.551 χ^2/NDF : 8.2/1

Left: -6.426 ± 0.943 χ^2/NDF : 12.7/4

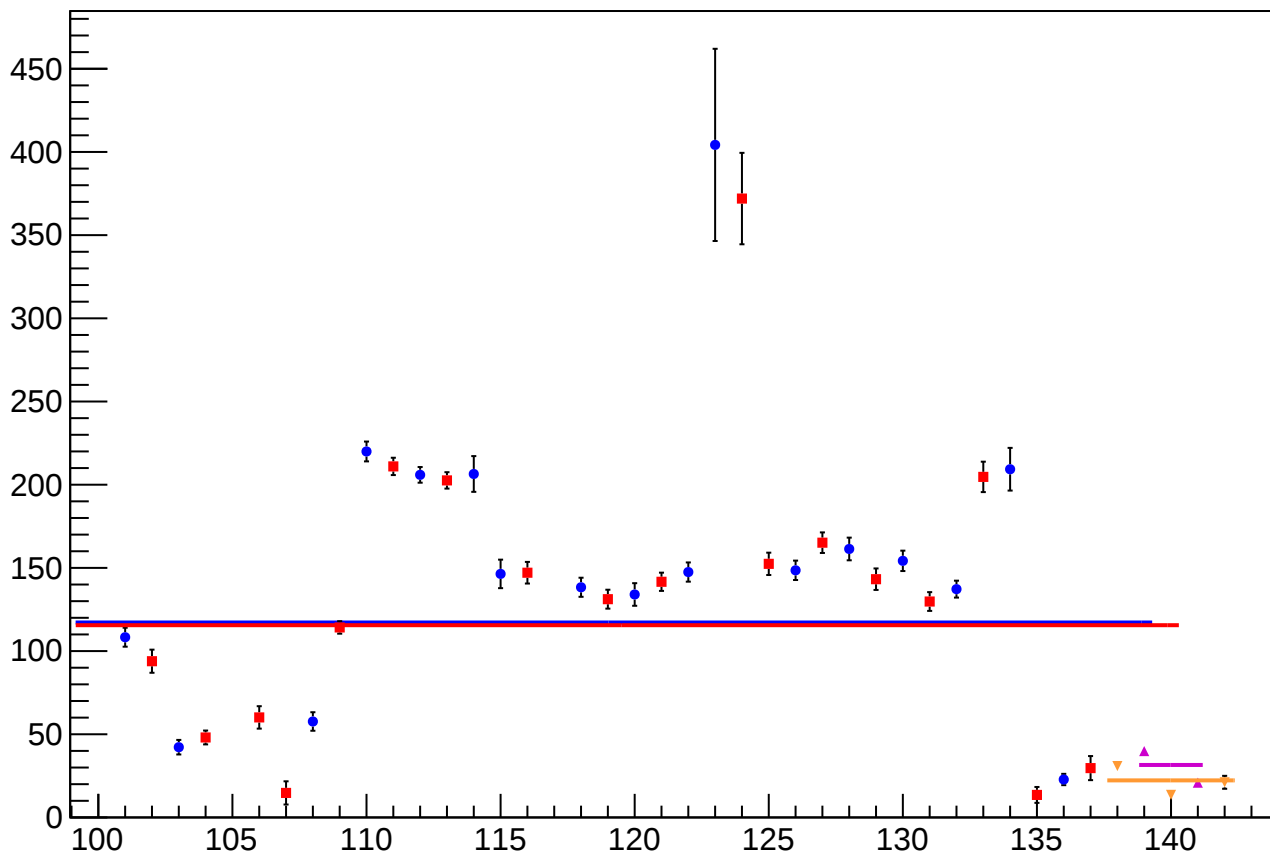
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.900 ± 0.641 χ^2/NDF : 257.1/20

All: -7.048 ± 0.472 χ^2/NDF : 544.5/39

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 22.284+/-1.487 χ^2/NDF :29.0/2

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 31.547+/-1.677 χ^2/NDF :31.6/1

Left: 26.363+/-1.113 χ^2/NDF : 77.7/4

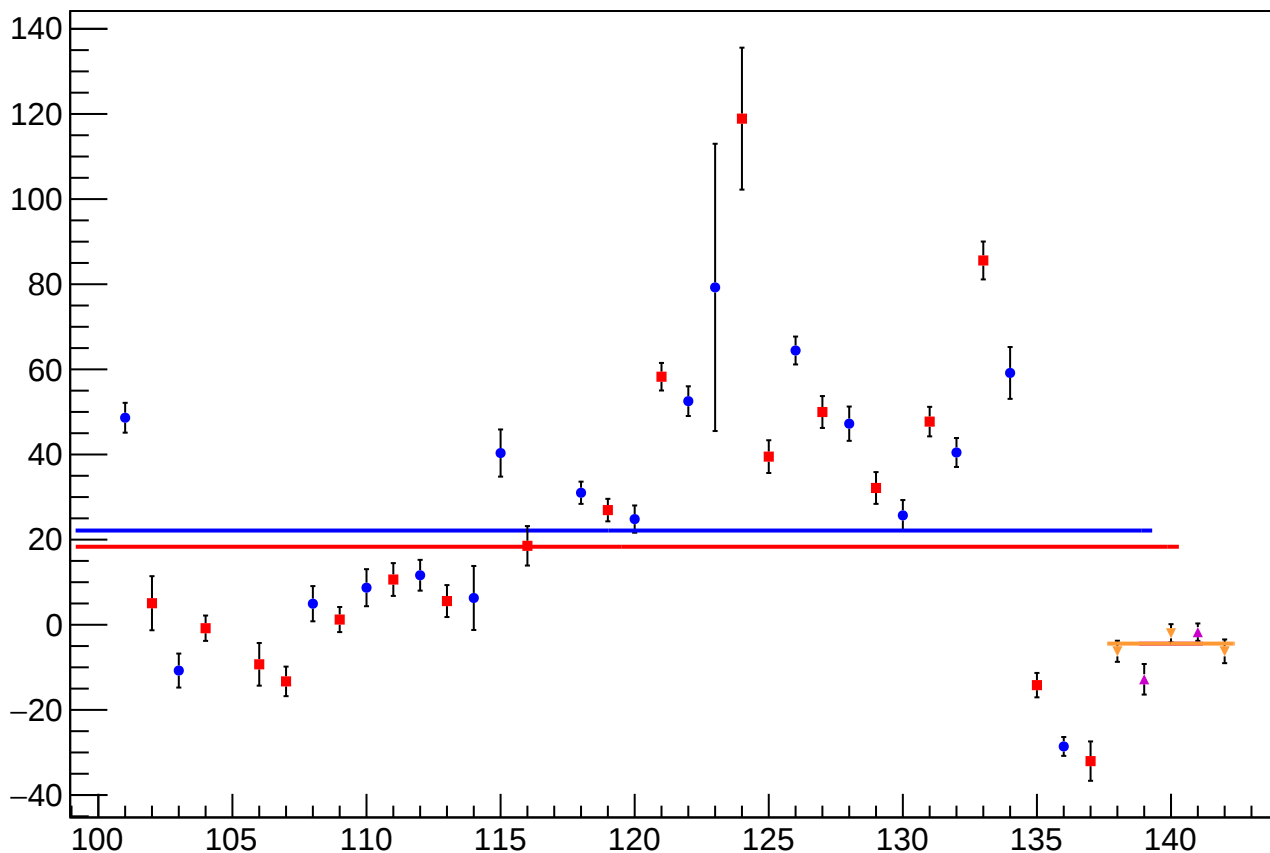
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 81.675+/-1.080 χ^2/NDF :3717.3/18

Out: 72.978+/-1.005 χ^2/NDF :4315.3/20

All: 77.014+/-0.736 χ^2/NDF : 8067.4/39

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -4.424 $\pm$ 1.402 χ^2 /NDF: 2.2/2

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -4.447 $\pm$ 1.778 χ^2 /NDF: 7.2/1

Left: -4.433 $\pm$ 1.101 χ^2 /NDF: 9.4/4

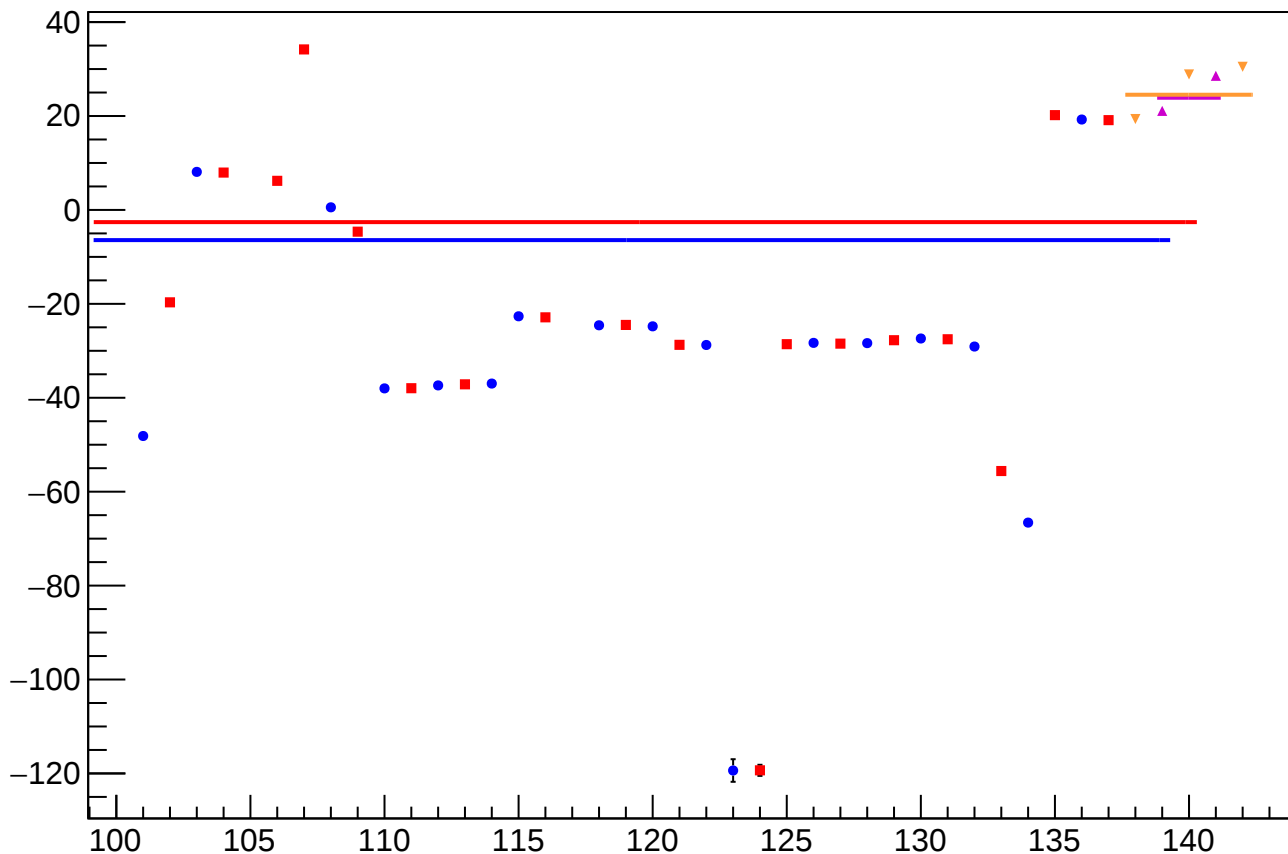
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 16.797 $\pm$ 0.797 χ^2 /NDF: 1250.0/18

Out: 11.981 $\pm$ 0.740 χ^2 /NDF: 1262.6/20

All: 14.213 $\pm$ 0.542 χ^2 /NDF: 2532.2/39

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 24.530+/-0.061 χ^2/NDF : 6818.8/2

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 23.891+/-0.062 χ^2/NDF : 3359.9/1

Left: 24.219+/-0.043 χ^2/NDF : 10232.7/4

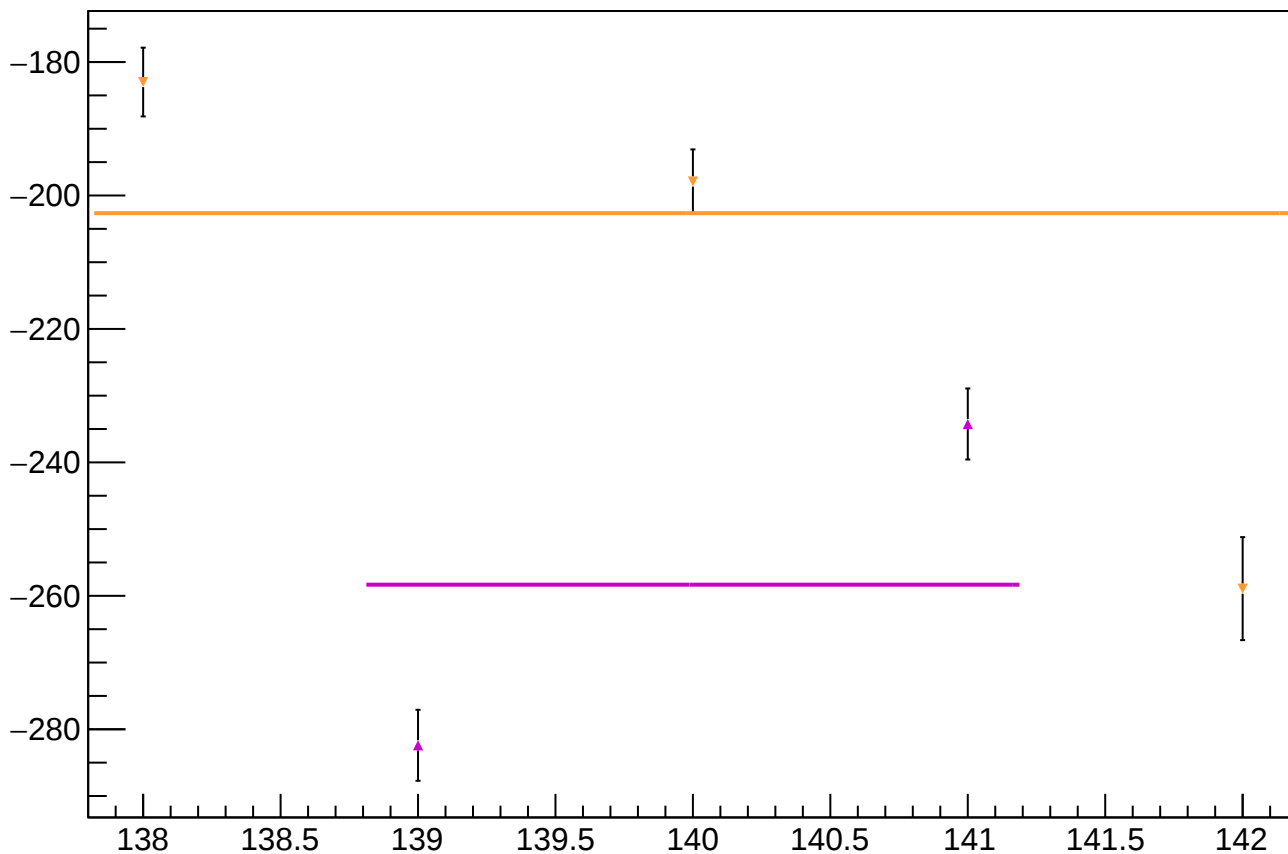
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 4.322+/-0.037 χ^2/NDF : 421139.0/18

Out: 7.239+/-0.037 χ^2/NDF : 397747.1/20

All: 5.803+/-0.026 χ^2/NDF : 822022.4/39

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -202.650+/-3.201 χ^2/NDF : 68.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -258.330+/-3.763 χ^2/NDF : 40.9/1

Left: -226.024+/-2.438 χ^2/NDF : 236.6/4

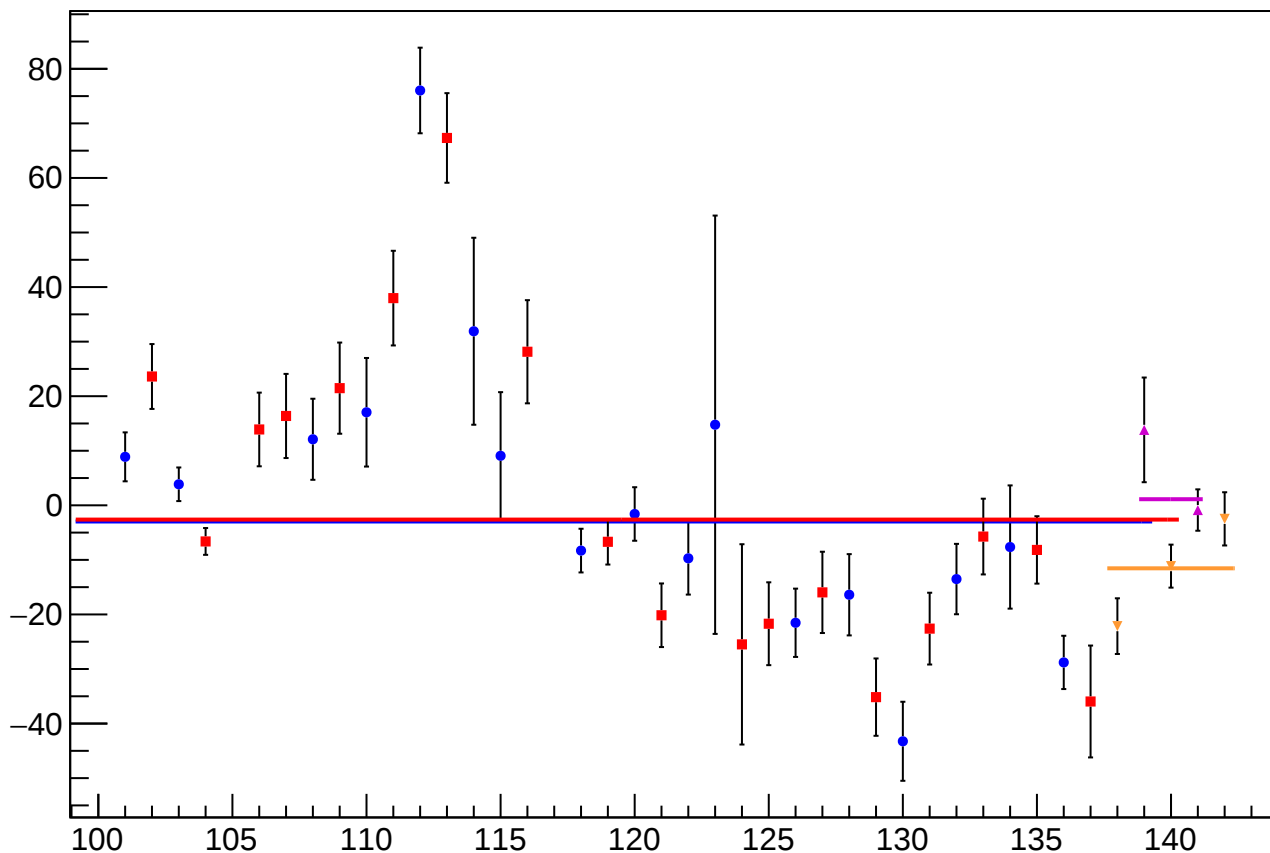
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.330+/-3.763 χ^2/NDF : 40.9/1

Out: -202.650+/-3.201 χ^2/NDF : 68.7/2

All: -226.024+/-2.438 χ^2/NDF : 236.6/4

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -11.547 ± 2.628 χ^2/NDF : 7.8/2

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 1.119 ± 3.527 χ^2/NDF : 2.0/1

Left: -7.026 ± 2.107 χ^2/NDF : 18.1/4

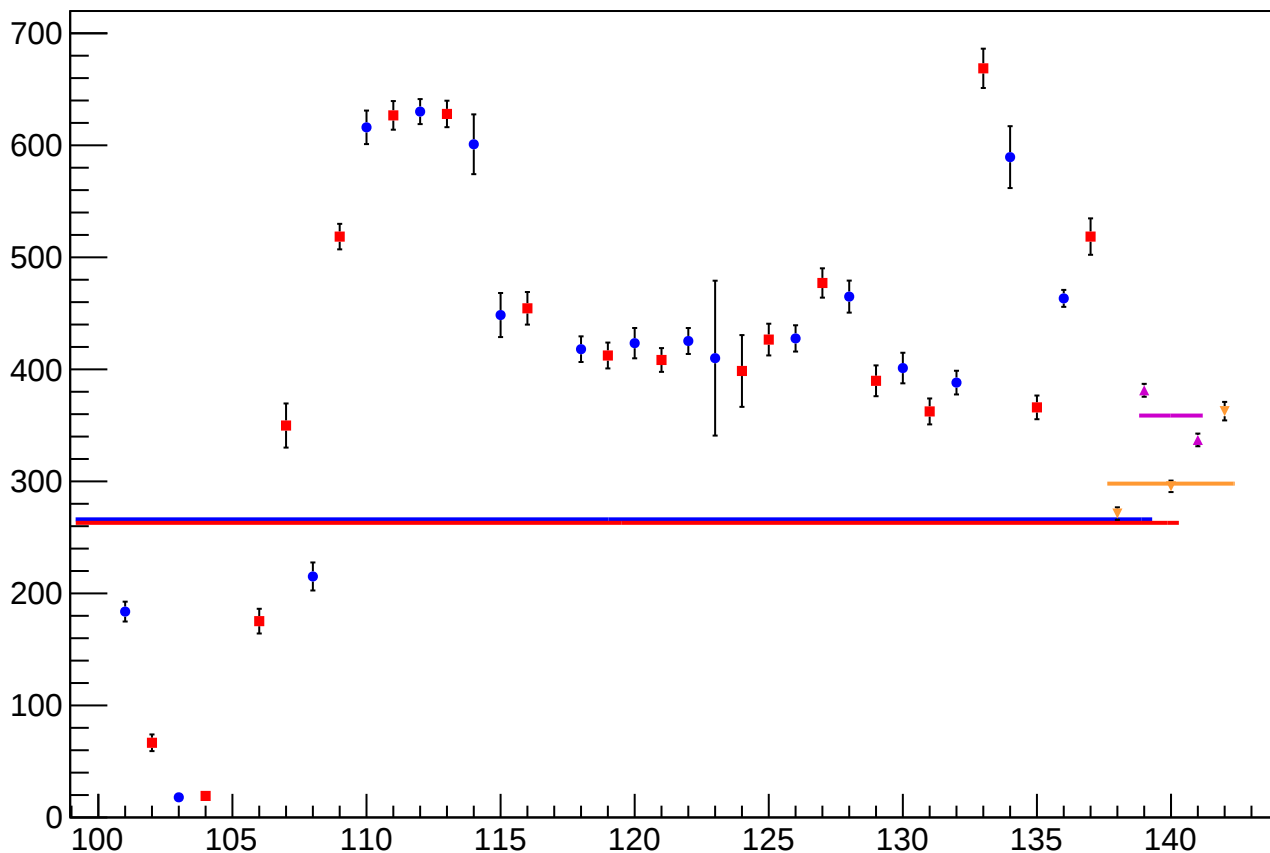
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -2.372 ± 1.343 χ^2/NDF : 206.7/18

Out: -4.588 ± 1.235 χ^2/NDF : 227.3/20

All: -3.573 ± 0.909 χ^2/NDF : 435.4/39

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 297.997 $\pm$ 3.435 χ^2 /NDF:84.4/2

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 358.761 $\pm$ 4.037 χ^2 /NDF:30.1/1

Left: 323.514 $\pm$ 2.616 χ^2 /NDF: 245.9/4

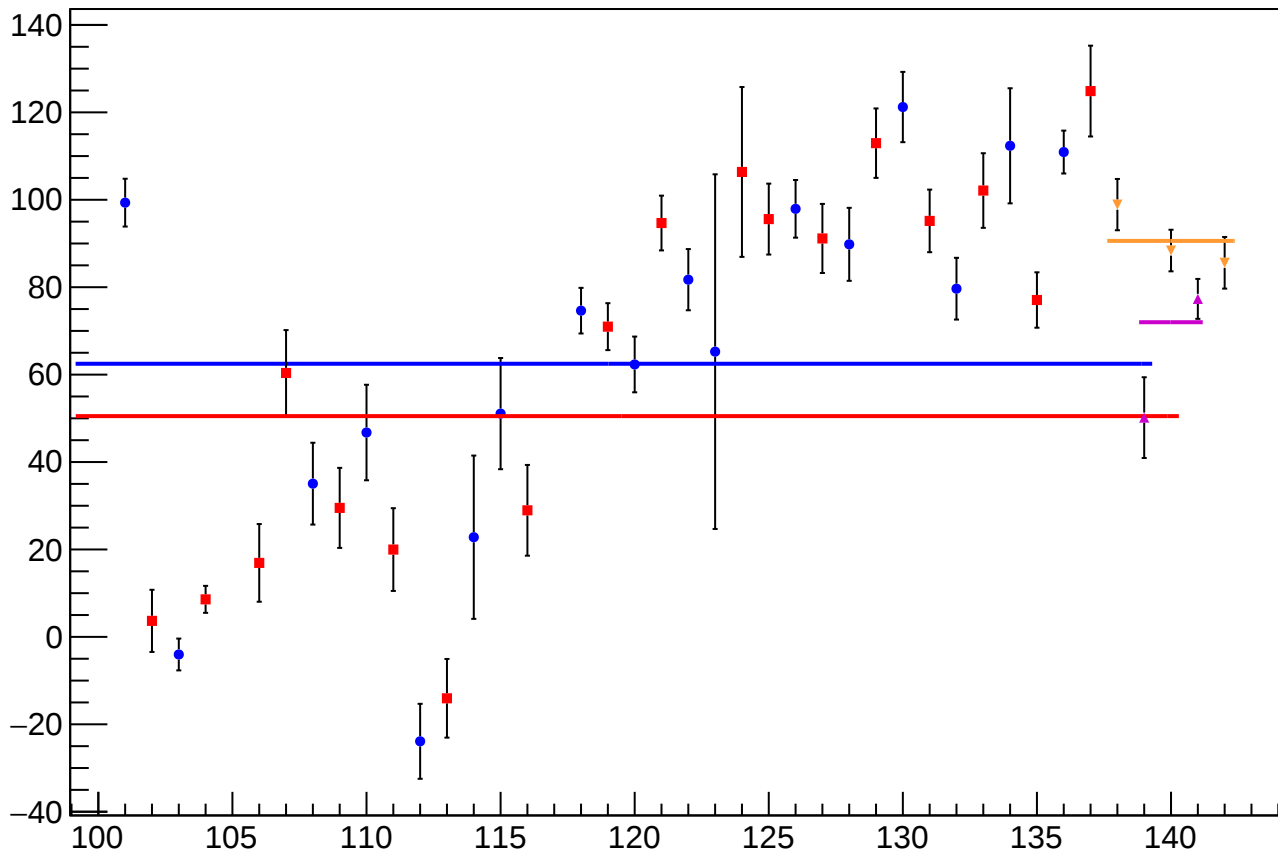
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 291.499 $\pm$ 2.113 χ^2 /NDF:8056.5/18

Out: 274.909 $\pm$ 2.004 χ^2 /NDF:8324.9/20

All: 282.762 $\pm$ 1.454 χ^2 /NDF: 16413.9/39

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2/NDF : 720.8/16

Left Out: 90.596 $\pm$ 3.133 χ^2/NDF : 2.9/2

Right Out: 50.506 $\pm$ 1.644 χ^2/NDF : 650.6/17

Left In: 71.989 $\pm$ 4.094 χ^2/NDF : 7.0/1

Left: 83.723 $\pm$ 2.488 χ^2/NDF : 22.9/4

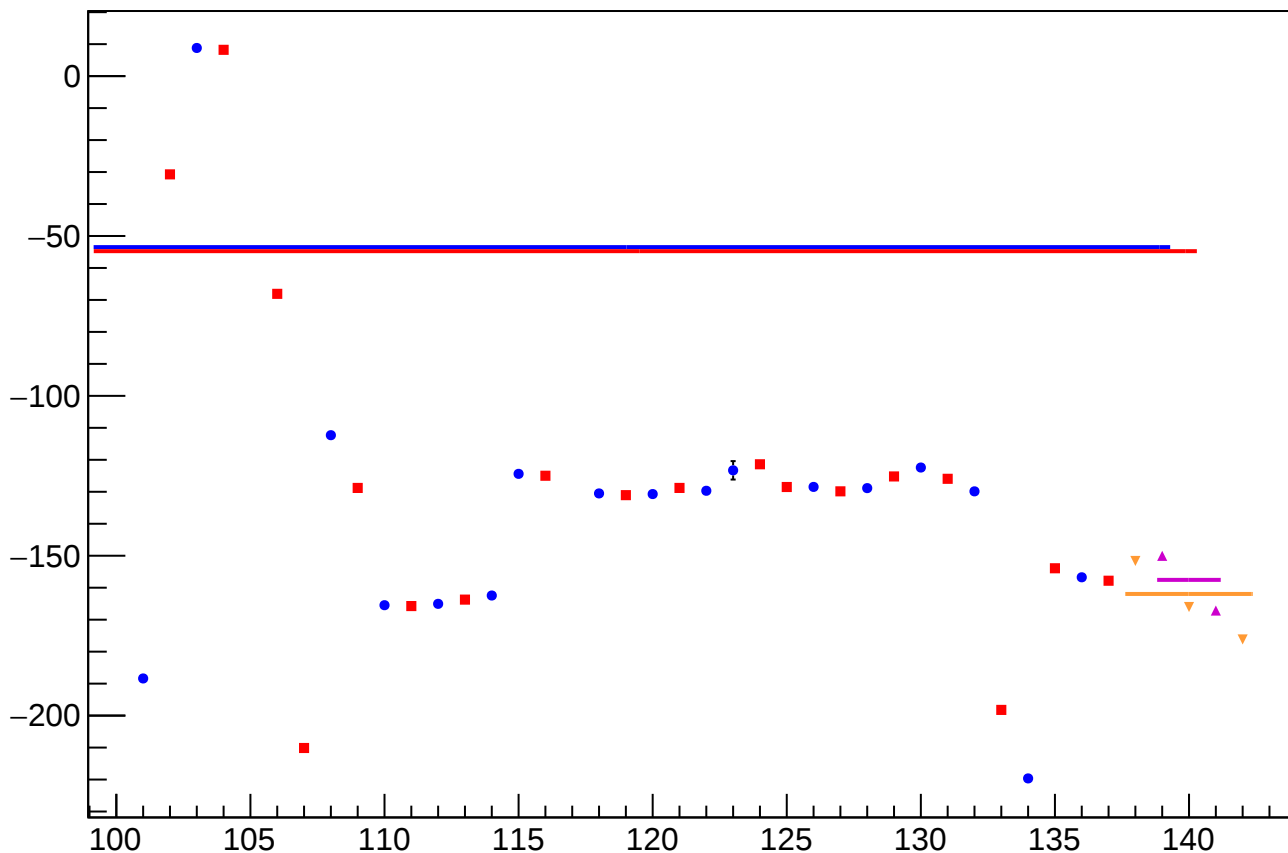
Right: 56.364 $\pm$ 1.175 χ^2/NDF : 1397.3/34

In: 63.856 $\pm$ 1.555 χ^2/NDF : 732.3/18

Out: 59.164 $\pm$ 1.456 χ^2/NDF : 781.9/20

All: 61.356 $\pm$ 1.063 χ^2/NDF : 1519.1/39

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -161.955 $\pm$ 0.142 χ^2 /NDF: 4332.6/2

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -157.552 $\pm$ 0.152 χ^2 /NDF: 3118.2/1

Left: -159.898 $\pm$ 0.104 χ^2 /NDF: 7897.5/4

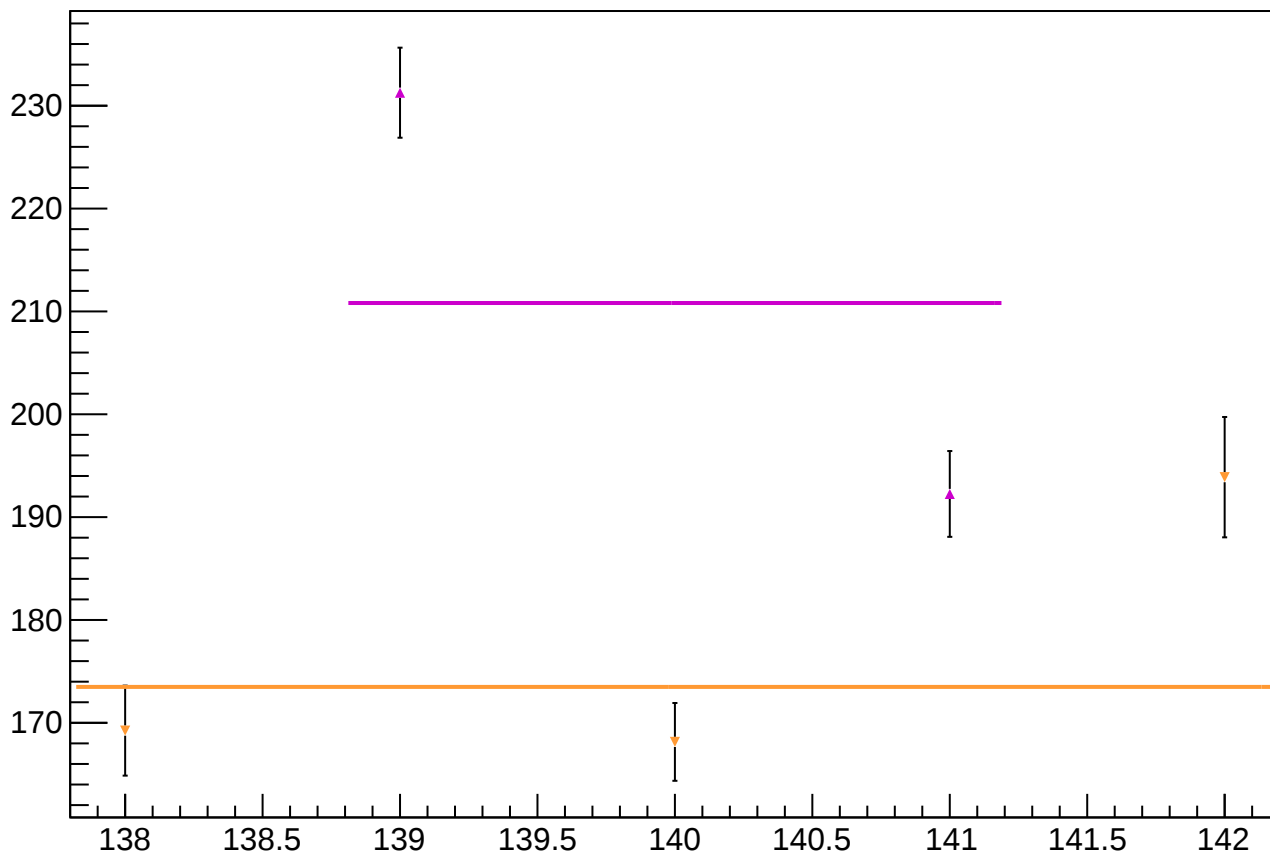
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -71.808 $\pm$ 0.064 χ^2 /NDF: 1617677.0/18

Out: -76.640 $\pm$ 0.064 χ^2 /NDF: 1407861.3/20

All: -74.204 $\pm$ 0.045 χ^2 /NDF: 3028381.6/39

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.492+/-2.571 χ^2/NDF :15.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 210.818+/-3.020 χ^2/NDF :41.6/1

Left: 189.173+/-1.958 χ^2/NDF : 145.3/4

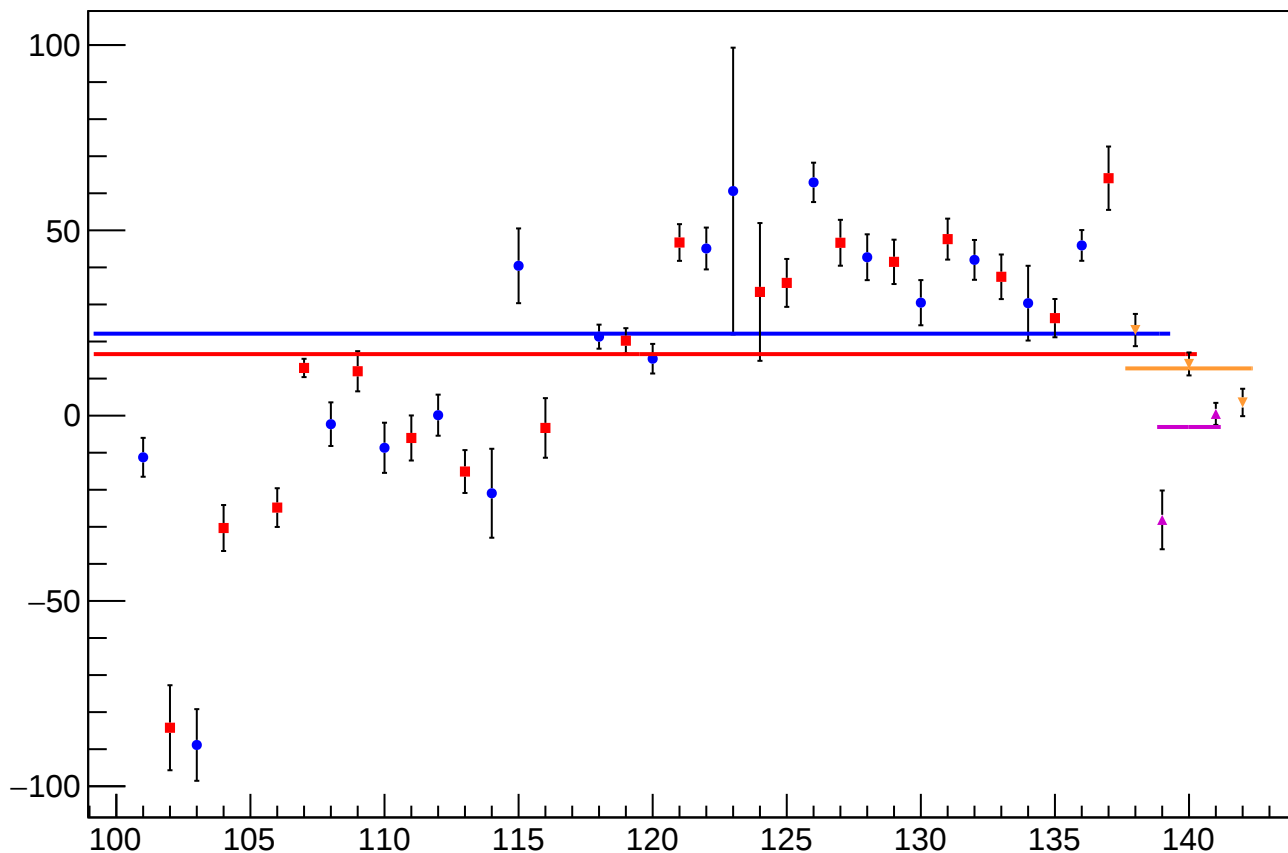
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 210.818+/-3.020 χ^2/NDF :41.6/1

Out: 173.492+/-2.571 χ^2/NDF :15.1/2

All: 189.173+/-1.958 χ^2/NDF : 145.3/4

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 12.746 $\pm$ 2.084 χ^2 /NDF:12.0/2

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: -3.061 $\pm$ 2.785 χ^2 /NDF:11.4/1

Left: 7.072 $\pm$ 1.669 χ^2 /NDF: 44.1/4

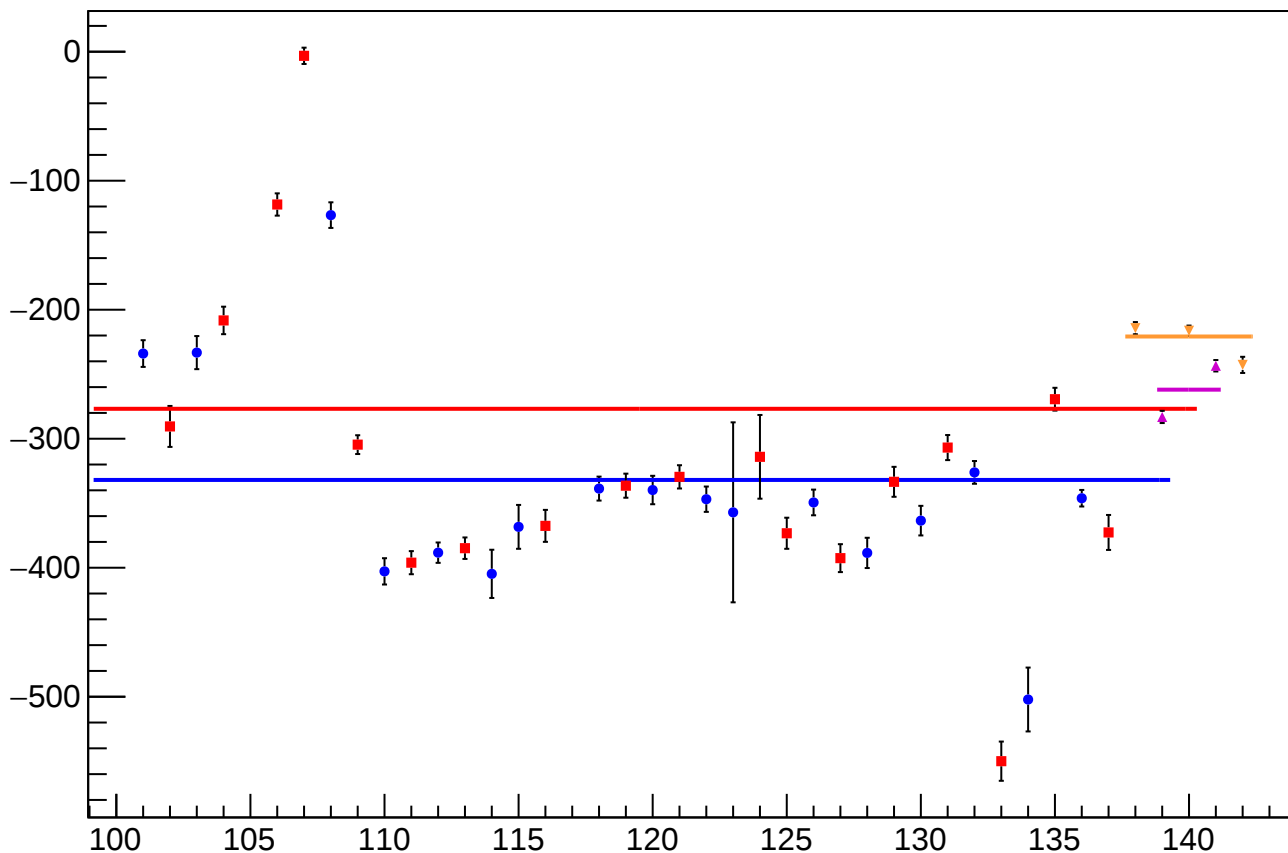
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 17.176 $\pm$ 1.234 χ^2 /NDF:459.1/18

Out: 15.607 $\pm$ 1.059 χ^2 /NDF:431.4/20

All: 16.272 $\pm$ 0.803 χ^2 /NDF: 891.4/39

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -220.766+/-2.757 χ^2/NDF : 15.4/2

Right Out: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -261.969+/-3.237 χ^2/NDF : 37.4/1

Left: -238.086+/-2.099 χ^2/NDF : 146.7/4

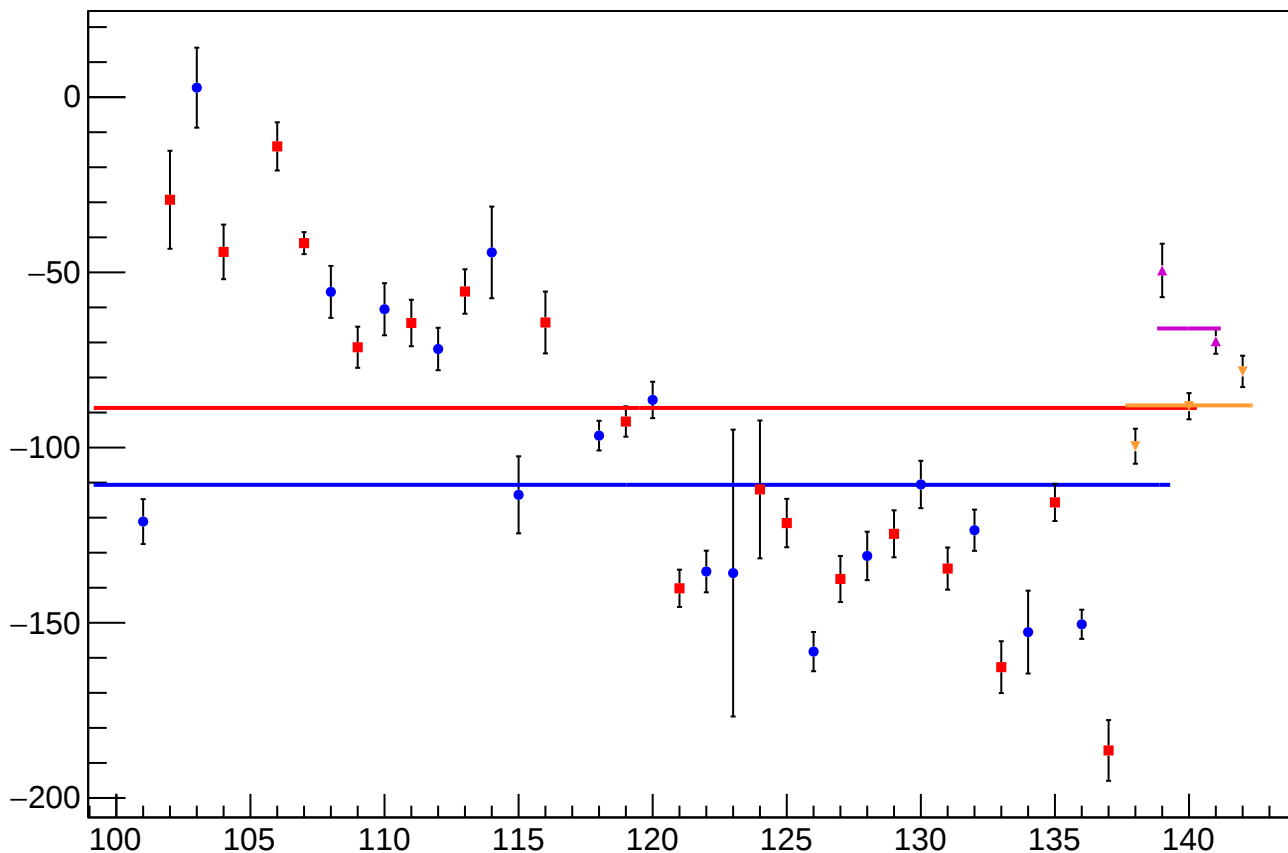
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -304.933+/-2.012 χ^2/NDF : 1109.9/18

Out: -253.461+/-1.779 χ^2/NDF : 3586.9/20

All: -276.056+/-1.333 χ^2/NDF : 5064.1/39

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -87.960 ± 2.488 χ^2/NDF : 10.1/2

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -66.007 ± 3.241 χ^2/NDF : 5.7/1

Left: -79.820 ± 1.974 χ^2/NDF : 44.7/4

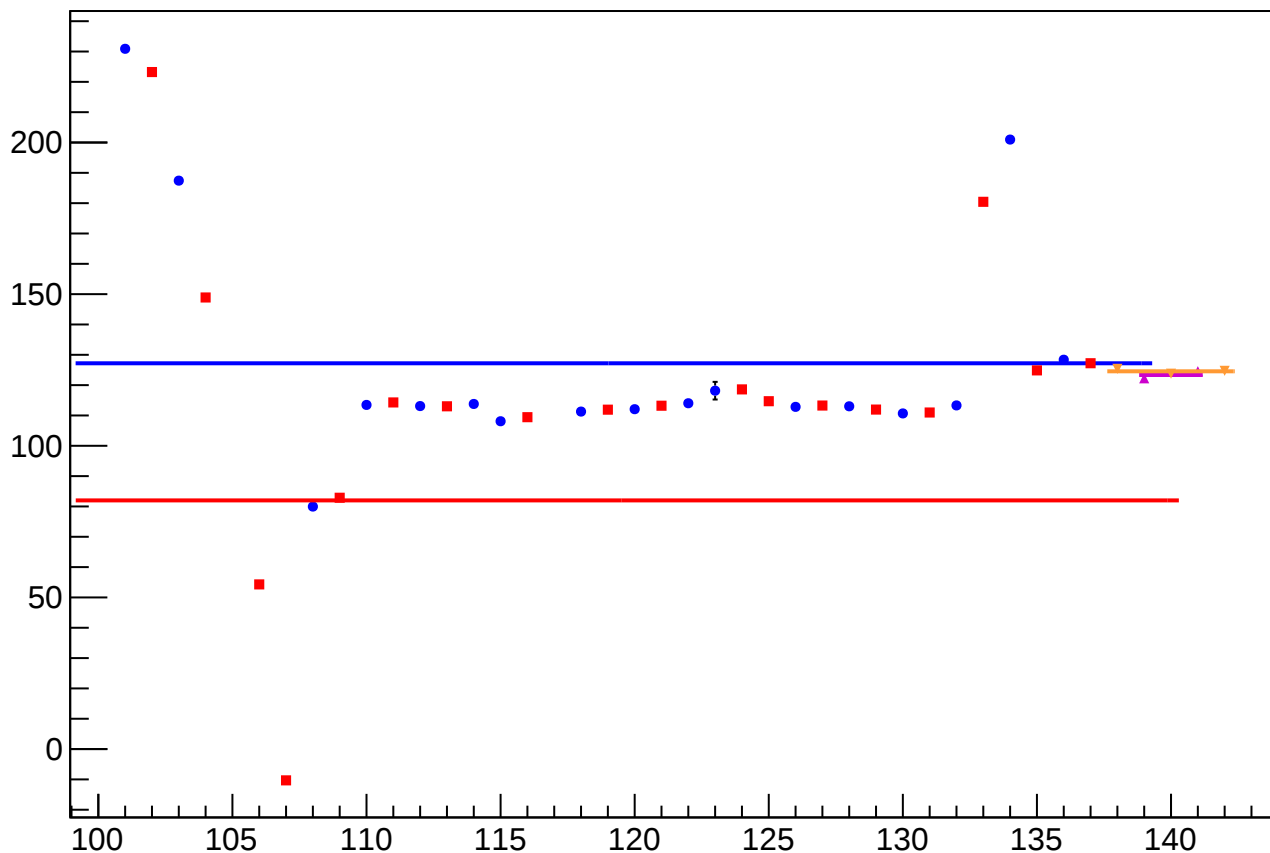
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -102.055 ± 1.421 χ^2/NDF : 667.7/18

Out: -88.503 ± 1.243 χ^2/NDF : 974.2/20

All: -94.376 ± 0.935 χ^2/NDF : 1693.4/39

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205+/-0.089 χ^2/NDF : 188026.3/16

Left Out: 124.561+/-0.114 χ^2/NDF : 39.3/2

Right Out: 81.994+/-0.075 χ^2/NDF : 749824.5/17

Left In: 123.345+/-0.123 χ^2/NDF : 90.8/1

Left: 123.995+/-0.084 χ^2/NDF : 182.7/4

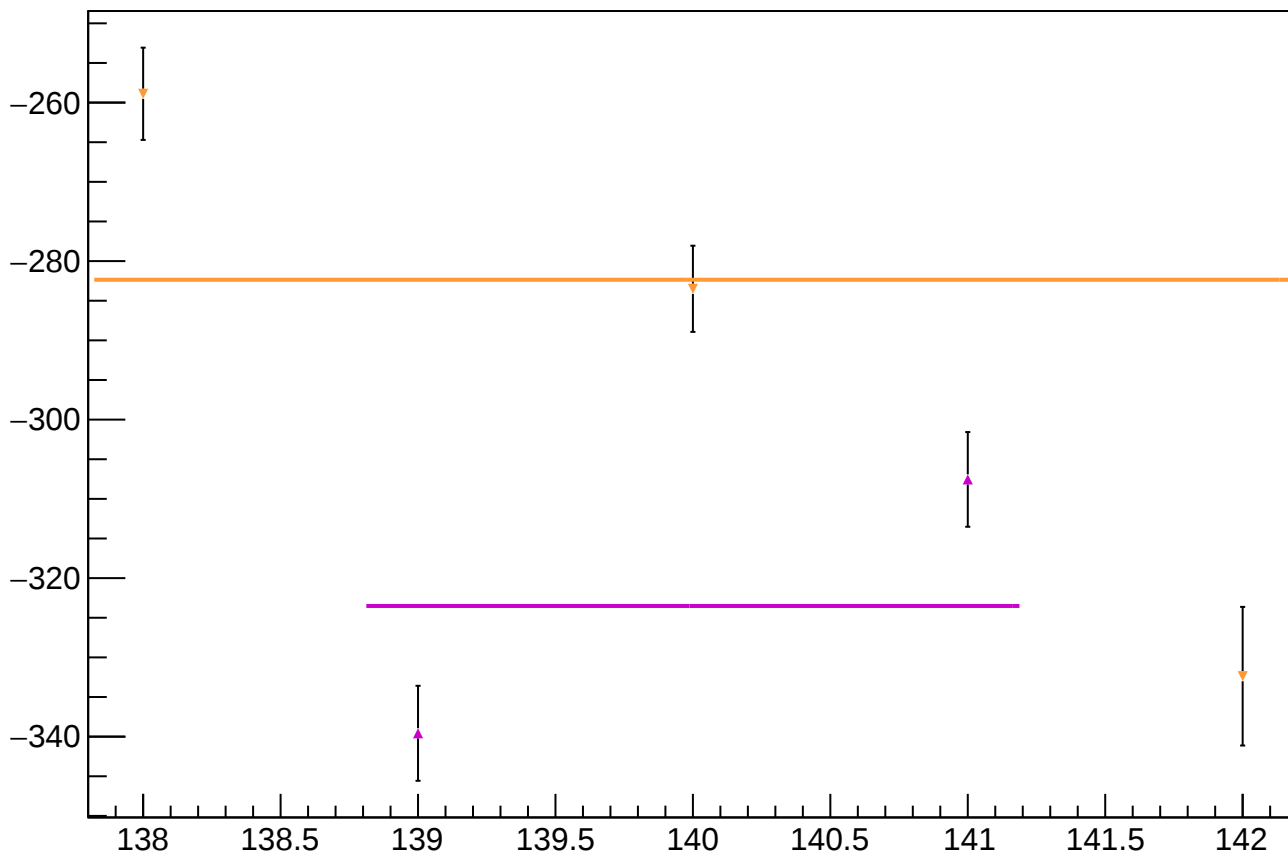
Right: 100.877+/-0.058 χ^2/NDF : 1087676.4/34

In: 125.870+/-0.072 χ^2/NDF : 188765.4/18

Out: 94.902+/-0.063 χ^2/NDF : 846292.9/20

All: 108.313+/-0.047 χ^2/NDF : 1139668.7/39

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -282.351+/-3.617 χ^2/NDF :49.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -323.512+/-4.231 χ^2/NDF :14.3/1

Left: -299.730+/-2.749 χ^2/NDF : 118.0/4

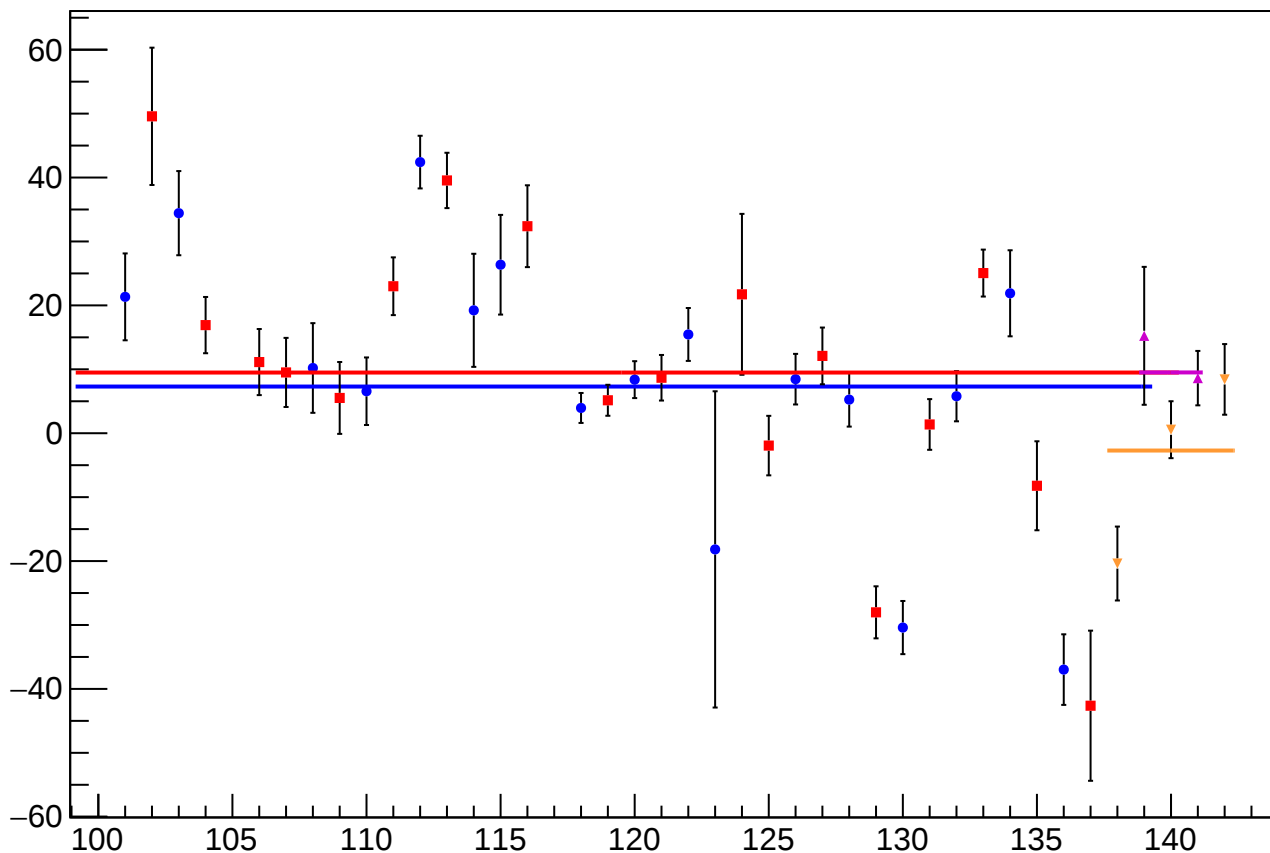
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -323.512+/-4.231 χ^2/NDF :14.3/1

Out: -282.351+/-3.617 χ^2/NDF :49.0/2

All: -299.730+/-2.749 χ^2/NDF : 118.0/4

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: -2.708 ± 2.974 χ^2/NDF : 13.9/2

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 9.510 ± 3.959 χ^2/NDF : 0.3/1

Left: 1.698 ± 2.378 χ^2/NDF : 20.4/4

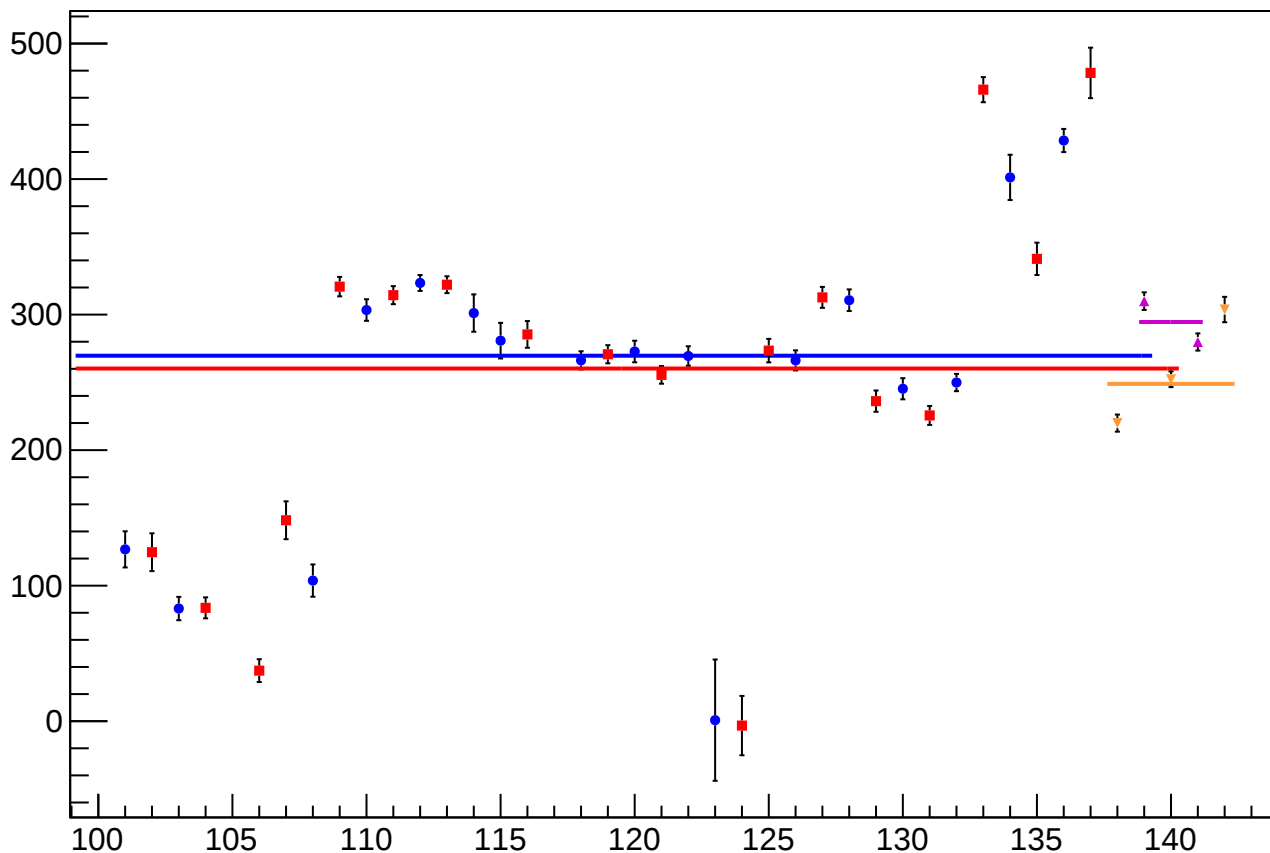
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 7.457 ± 1.047 χ^2/NDF : 261.3/18

Out: 8.087 ± 1.009 χ^2/NDF : 260.0/20

All: 7.783 ± 0.727 χ^2/NDF : 521.4/39

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 248.886 $\pm$ 3.881 χ^2 /NDF:55.7/2

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 294.540 $\pm$ 4.539 χ^2 /NDF:11.0/1

Left: 268.165 $\pm$ 2.950 χ^2 /NDF: 125.2/4

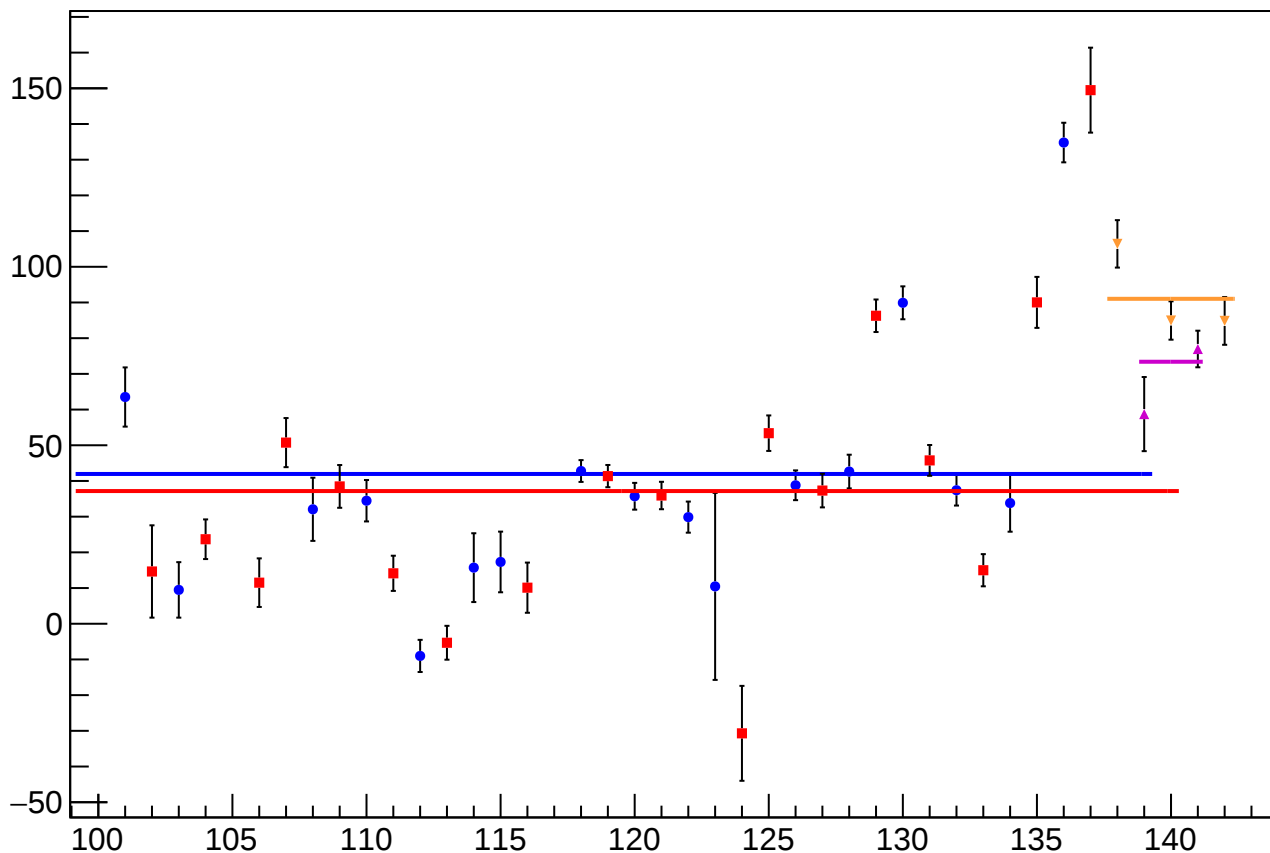
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 257.886 $\pm$ 1.763 χ^2 /NDF:2590.5/20

All: 265.377 $\pm$ 1.288 χ^2 /NDF: 4041.7/39

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 91.029 $\pm$ 3.545 χ^2 /NDF: 7.5/2

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 73.398 $\pm$ 4.596 χ^2 /NDF: 2.5/1

Left: 84.453 $\pm$ 2.807 χ^2 /NDF: 19.2/4

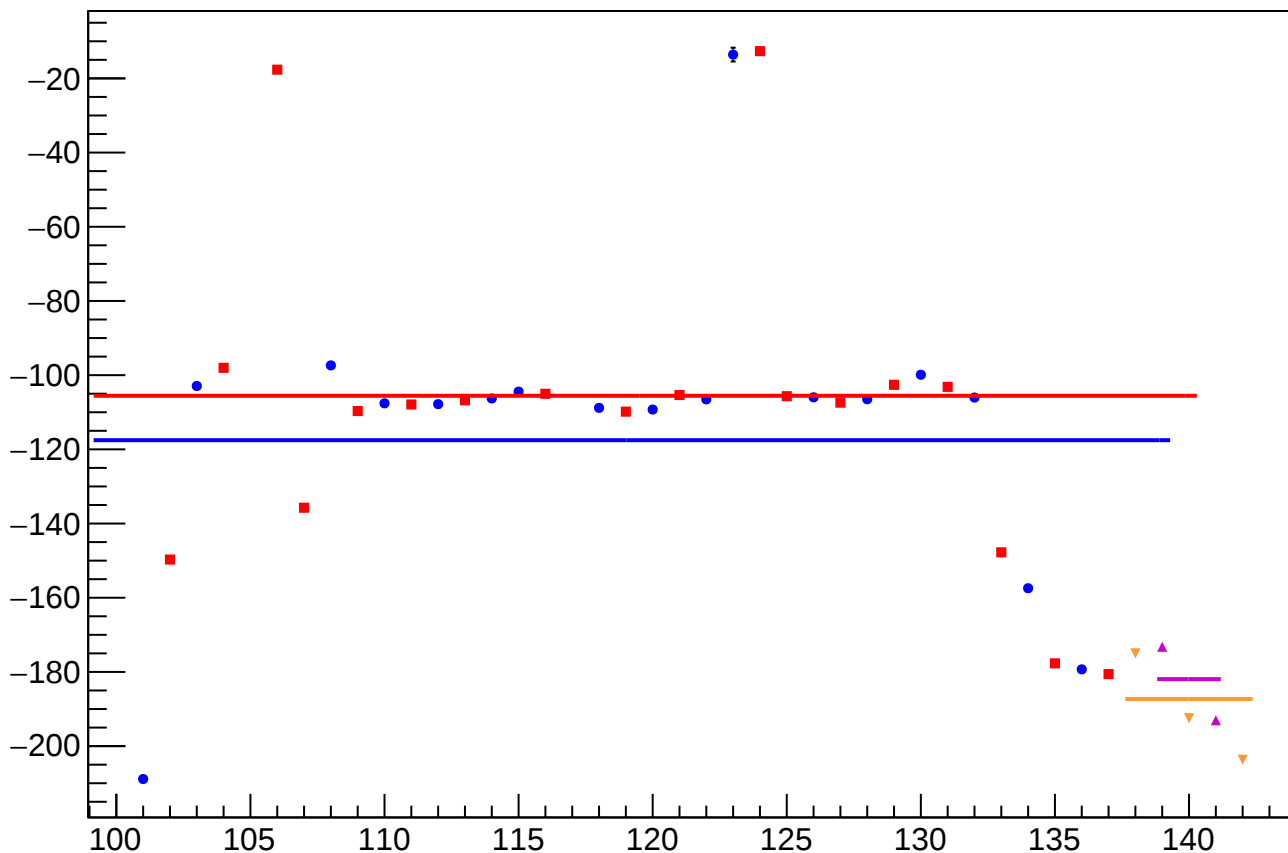
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 44.151 $\pm$ 1.214 χ^2 /NDF: 620.3/18

Out: 43.011 $\pm$ 1.167 χ^2 /NDF: 684.2/20

All: 43.559 $\pm$ 0.841 χ^2 /NDF: 1304.9/39

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -187.298+/-0.161 χ^2/NDF : 4725.0/2

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

Left: -184.776+/-0.117 χ^2/NDF : 8562.0/4

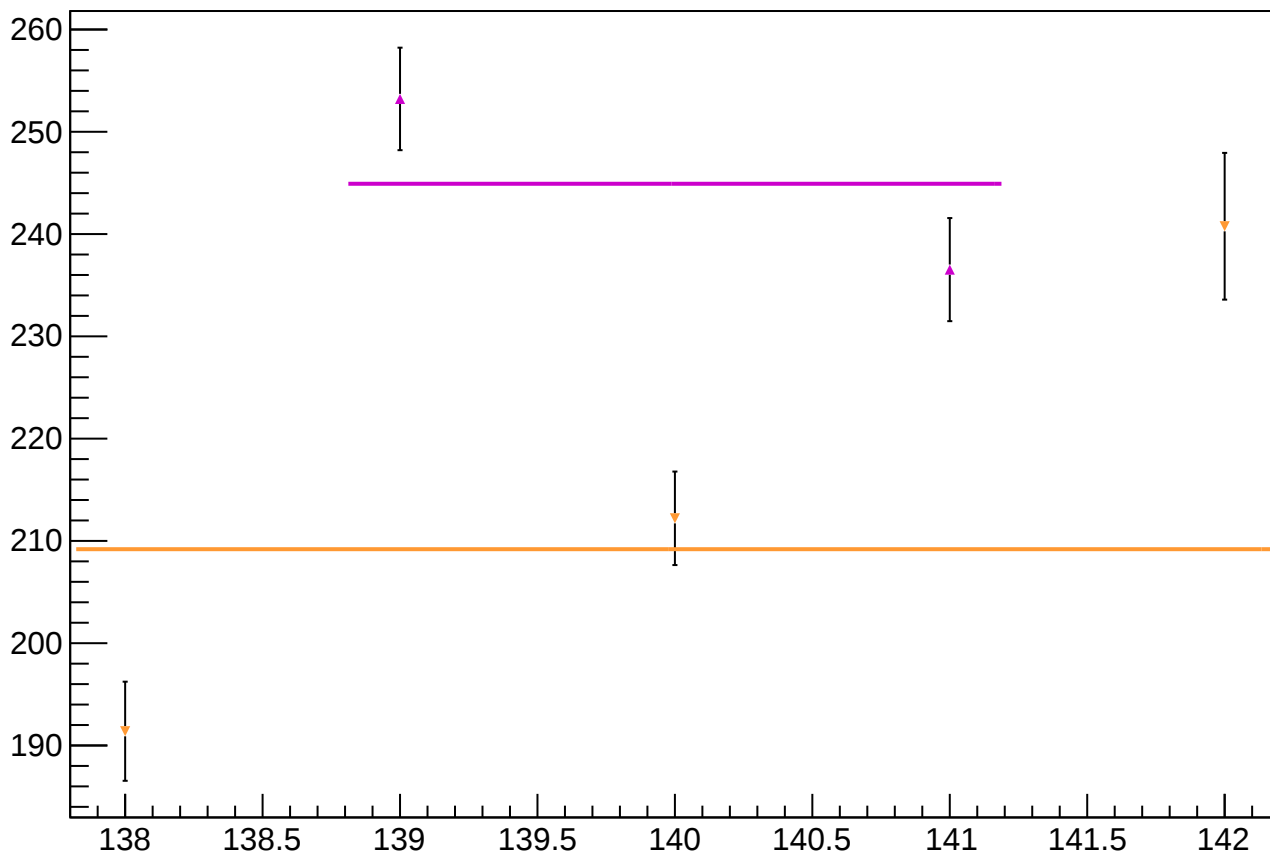
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -128.677+/-0.071 χ^2/NDF : 262938.2/18

Out: -119.463+/-0.066 χ^2/NDF : 536250.9/20

All: -123.758+/-0.049 χ^2/NDF : 808168.5/39

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 209.191+/-3.016 χ^2/NDF :33.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.918+/-3.553 χ^2/NDF :5.5/1

Left: 224.153+/-2.300 χ^2/NDF : 97.6/4

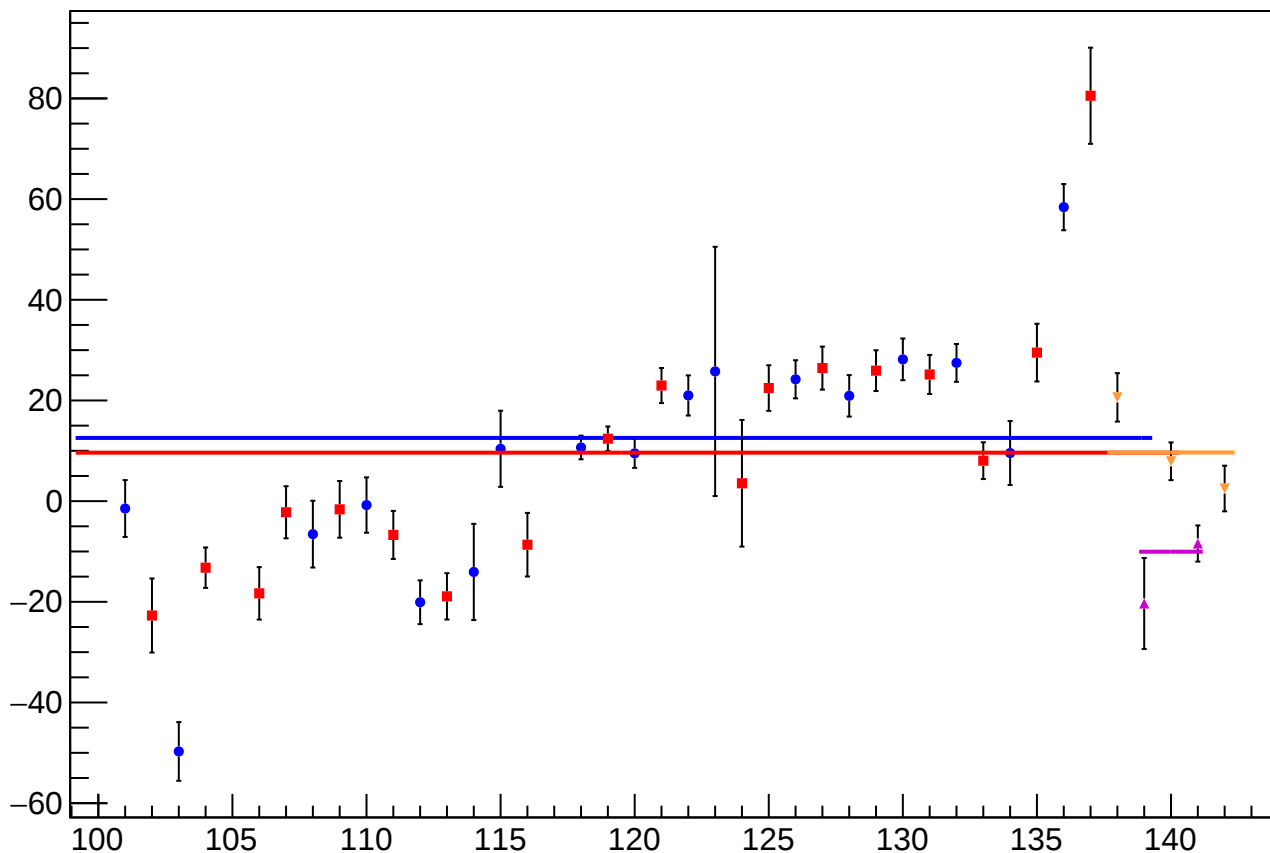
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.918+/-3.553 χ^2/NDF :5.5/1

Out: 209.191+/-3.016 χ^2/NDF :33.3/2

All: 224.153+/-2.300 χ^2/NDF : 97.6/4

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: 9.670 ± 2.476 $\chi^2/\text{NDF}: 7.9/2$

Right Out: 9.631 ± 1.049 $\chi^2/\text{NDF}: 287.5/17$

Left In: -10.045 ± 3.338 $\chi^2/\text{NDF}: 1.5/1$

Left: 2.675 ± 1.989 $\chi^2/\text{NDF}: 31.9/4$

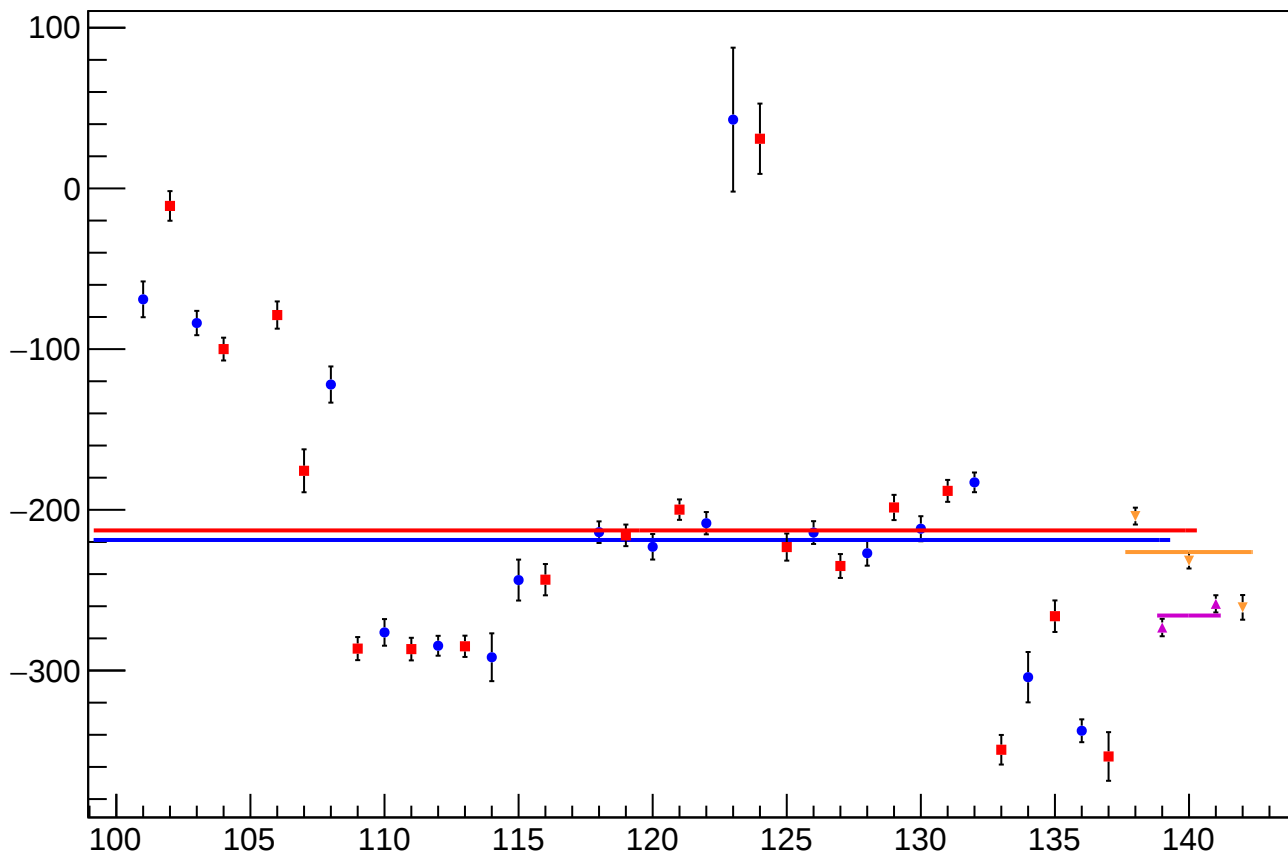
Right: 11.084 ± 0.745 $\chi^2/\text{NDF}: 639.9/34$

In: 10.498 ± 1.008 $\chi^2/\text{NDF}: 391.7/18$

Out: 9.637 ± 0.966 $\chi^2/\text{NDF}: 295.4/20$

All: 10.049 ± 0.698 $\chi^2/\text{NDF}: 687.5/39$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -226.275 ± 3.237 $\chi^2/\text{NDF}: 39.5/2$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -265.785 ± 3.812 $\chi^2/\text{NDF}: 3.7/1$

Left: -242.827 ± 2.467 $\chi^2/\text{NDF}: 105.6/4$

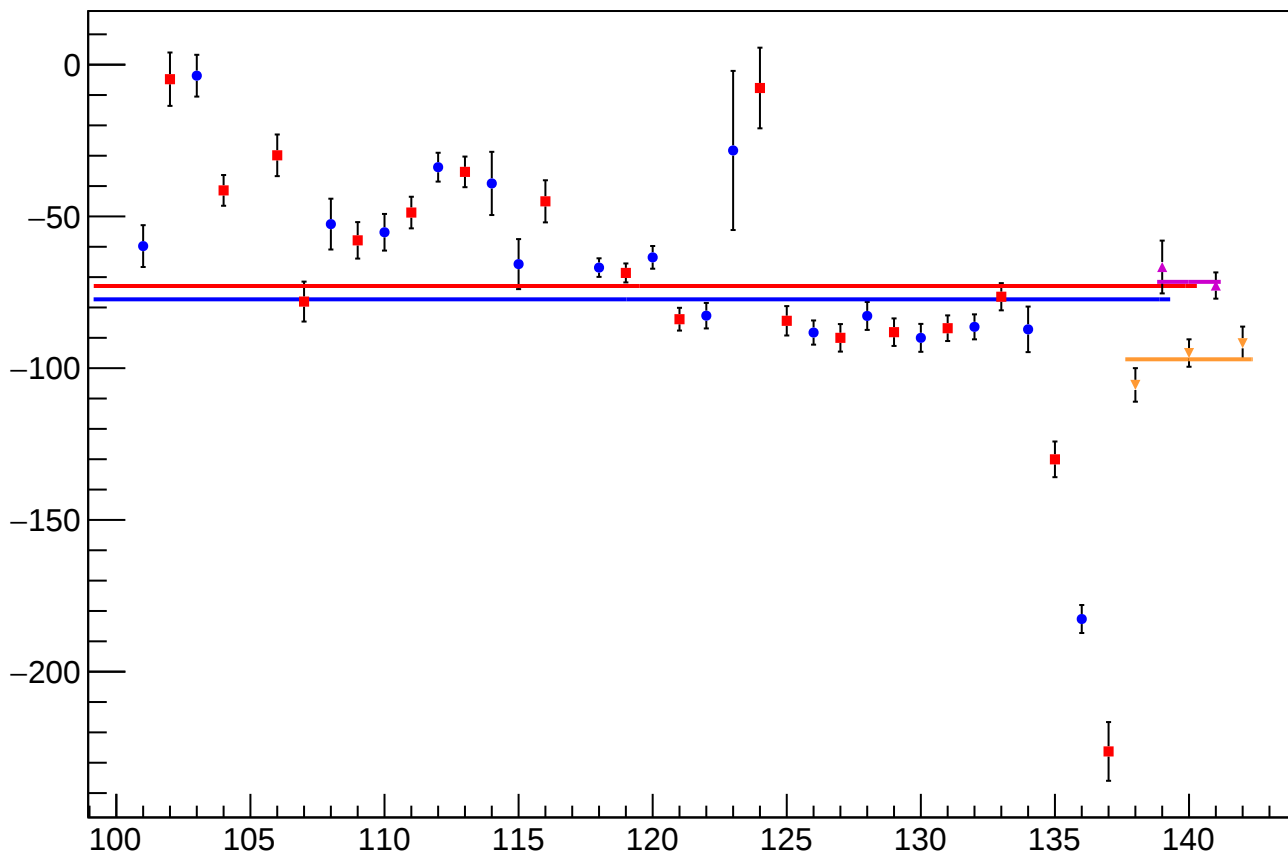
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -216.336 ± 1.655 $\chi^2/\text{NDF}: 1876.7/20$

All: -222.215 ± 1.212 $\chi^2/\text{NDF}: 3171.0/39$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -97.076 ± 2.951 χ^2/NDF : 3.5/2

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -71.559 ± 3.872 χ^2/NDF : 0.4/1

Left: -87.703 ± 2.347 χ^2/NDF : 31.3/4

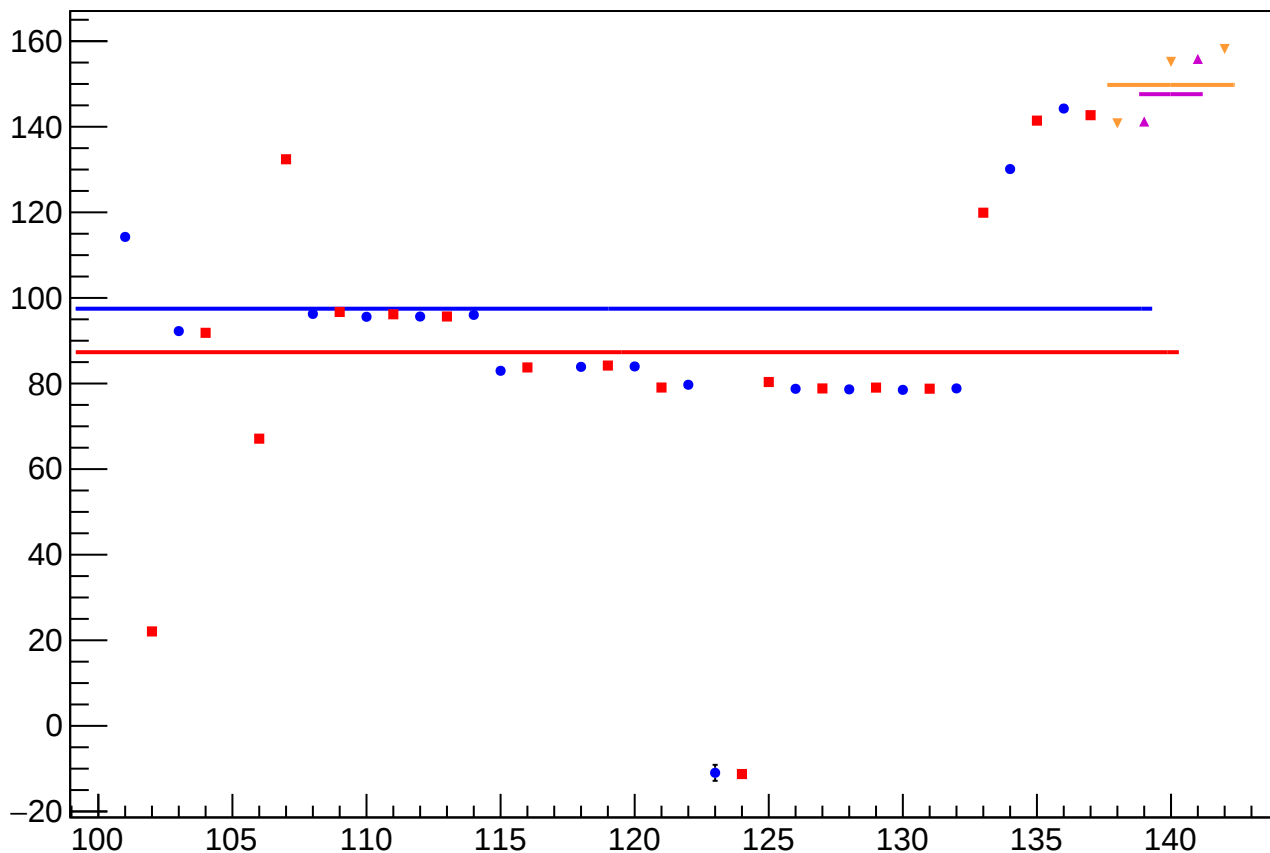
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.797 ± 1.165 χ^2/NDF : 820.1/18

Out: -76.388 ± 1.118 χ^2/NDF : 721.7/20

All: -76.584 ± 0.807 χ^2/NDF : 1541.8/39

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 149.779+/-0.134 χ^2/NDF : 3239.7/2

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 147.612+/-0.143 χ^2/NDF : 2559.6/1

Left: 148.768+/-0.098 χ^2/NDF : 5920.9/4

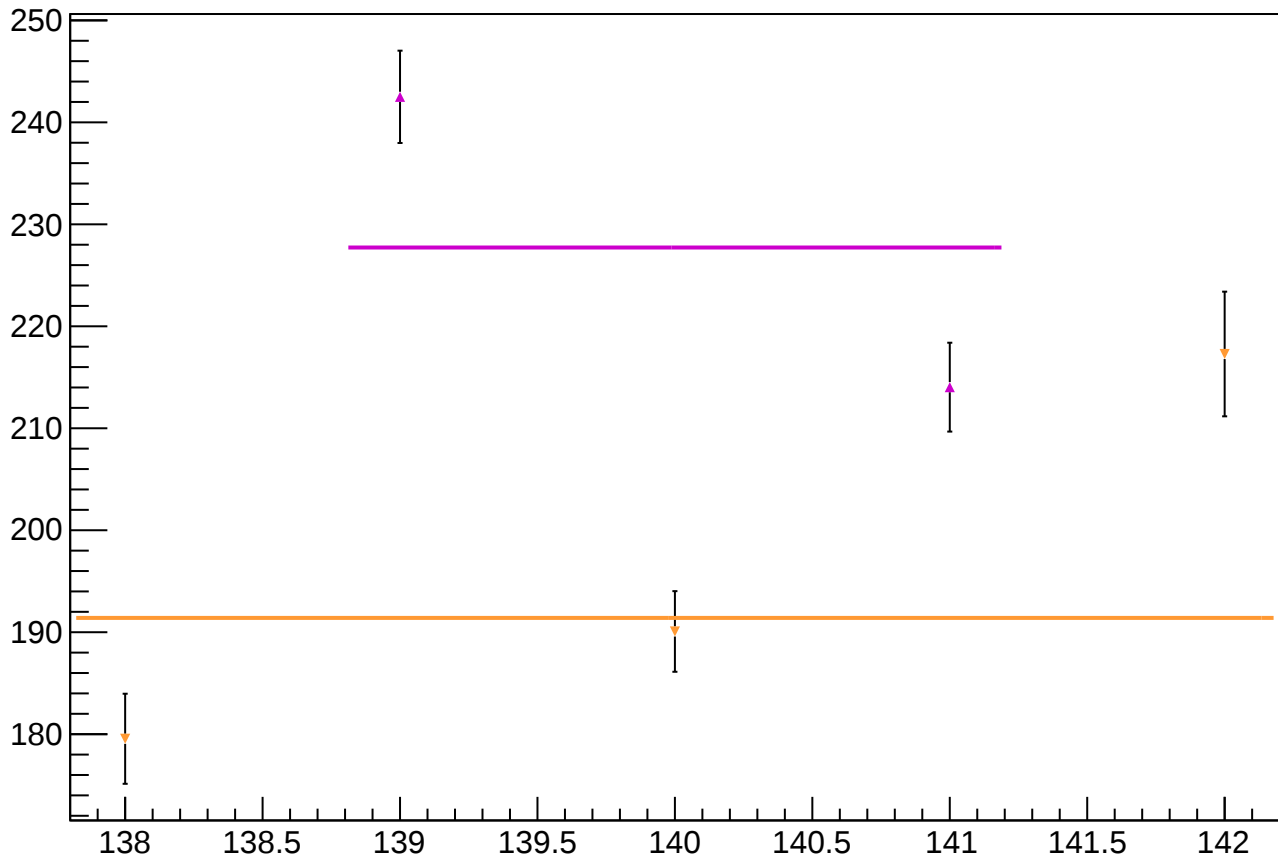
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 100.193+/-0.061 χ^2/NDF : 397291.8/20

All: 103.766+/-0.045 χ^2/NDF : 598446.1/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 191.404+/-2.654 χ^2/NDF :25.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.726+/-3.139 χ^2/NDF :20.5/1

Left: 206.542+/-2.027 χ^2/NDF : 123.9/4

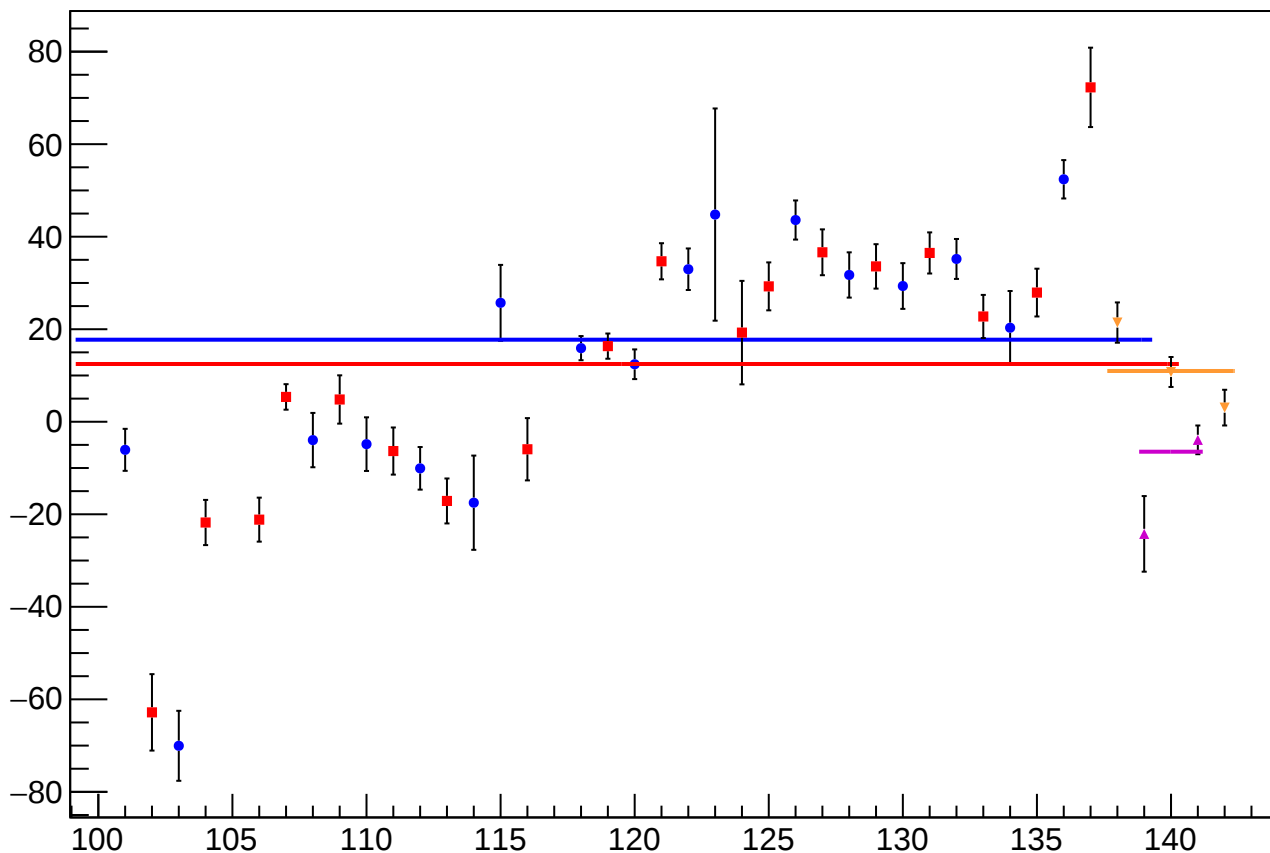
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.726+/-3.139 χ^2/NDF :20.5/1

Out: 191.404+/-2.654 χ^2/NDF :25.2/2

All: 206.542+/-2.027 χ^2/NDF : 123.9/4

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 10.972 $\pm$ 2.155 χ^2 /NDF:10.0/2

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -6.475 $\pm$ 2.902 χ^2 /NDF:5.4/1

Left: 4.771 $\pm$ 1.730 χ^2 /NDF: 38.7/4

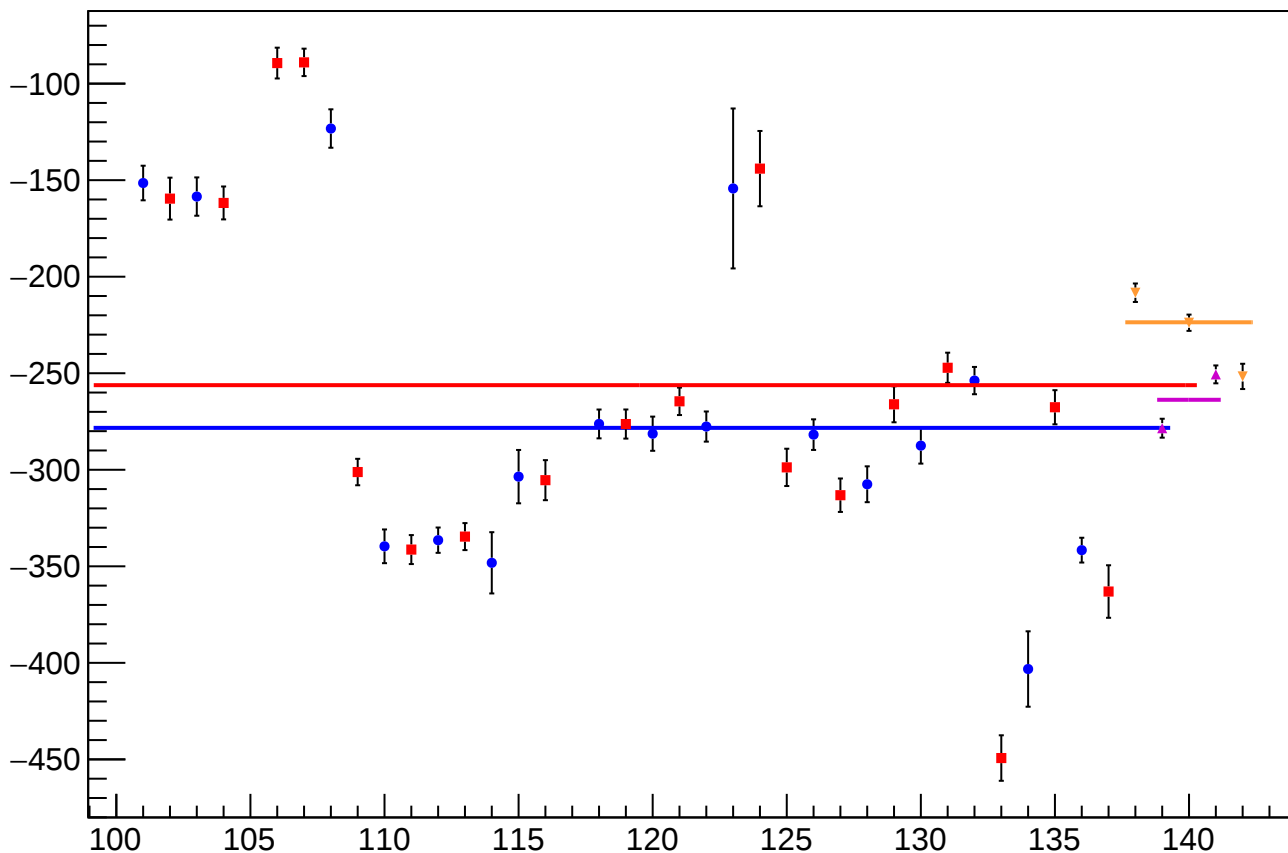
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 14.458 $\pm$ 1.068 χ^2 /NDF:459.6/18

Out: 12.178 $\pm$ 0.969 χ^2 /NDF:439.6/20

All: 13.208 $\pm$ 0.718 χ^2 /NDF: 901.6/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -223.611 ± 2.847 χ^2/NDF : 28.6/2

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -263.751 ± 3.366 χ^2/NDF : 17.1/1

Left: -240.348 ± 2.174 χ^2/NDF : 128.6/4

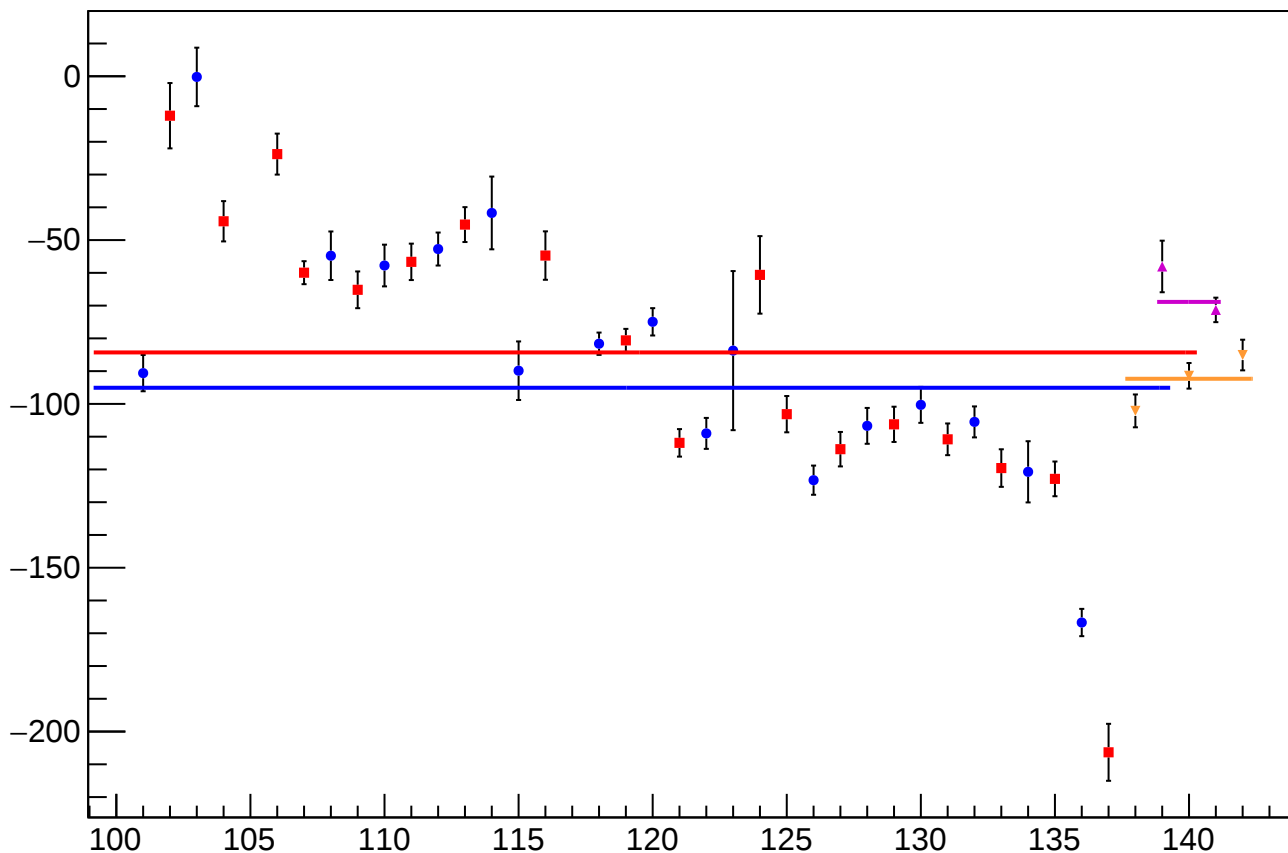
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -274.018 ± 1.825 χ^2/NDF : 940.2/18

Out: -245.235 ± 1.650 χ^2/NDF : 2067.7/20

All: -258.180 ± 1.224 χ^2/NDF : 3144.8/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -92.328 ± 2.573 χ^2/NDF : 6.3/2

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -68.869 ± 3.377 χ^2/NDF : 2.3/1

Left: -83.709 ± 2.047 χ^2/NDF : 39.1/4

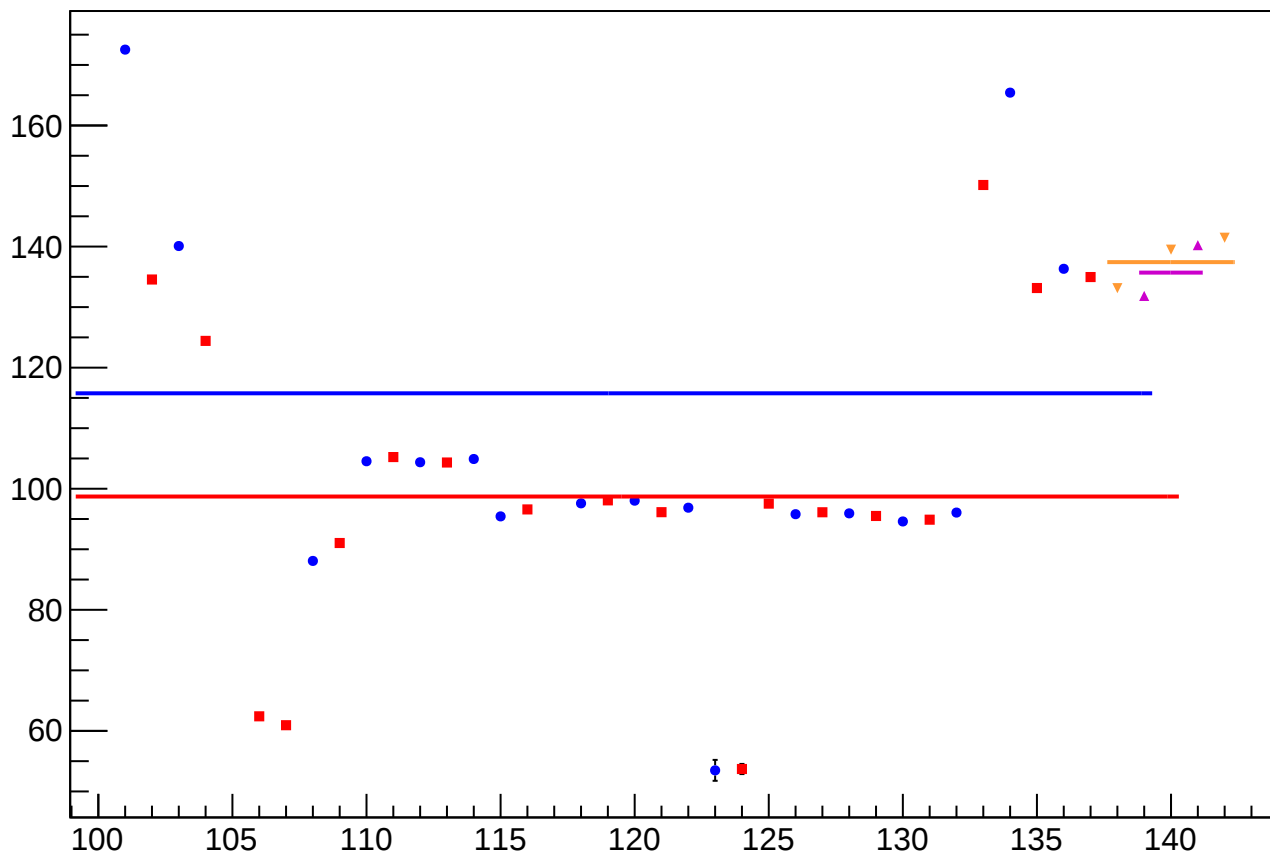
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -91.576 ± 1.234 χ^2/NDF : 727.7/18

Out: -85.841 ± 1.130 χ^2/NDF : 782.9/20

All: -88.458 ± 0.833 χ^2/NDF : 1522.4/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 137.431+/-0.118 χ^2/NDF : 869.9/2

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 135.698+/-0.127 χ^2/NDF : 1078.3/1

Left: 136.628+/-0.087 χ^2/NDF : 2047.7/4

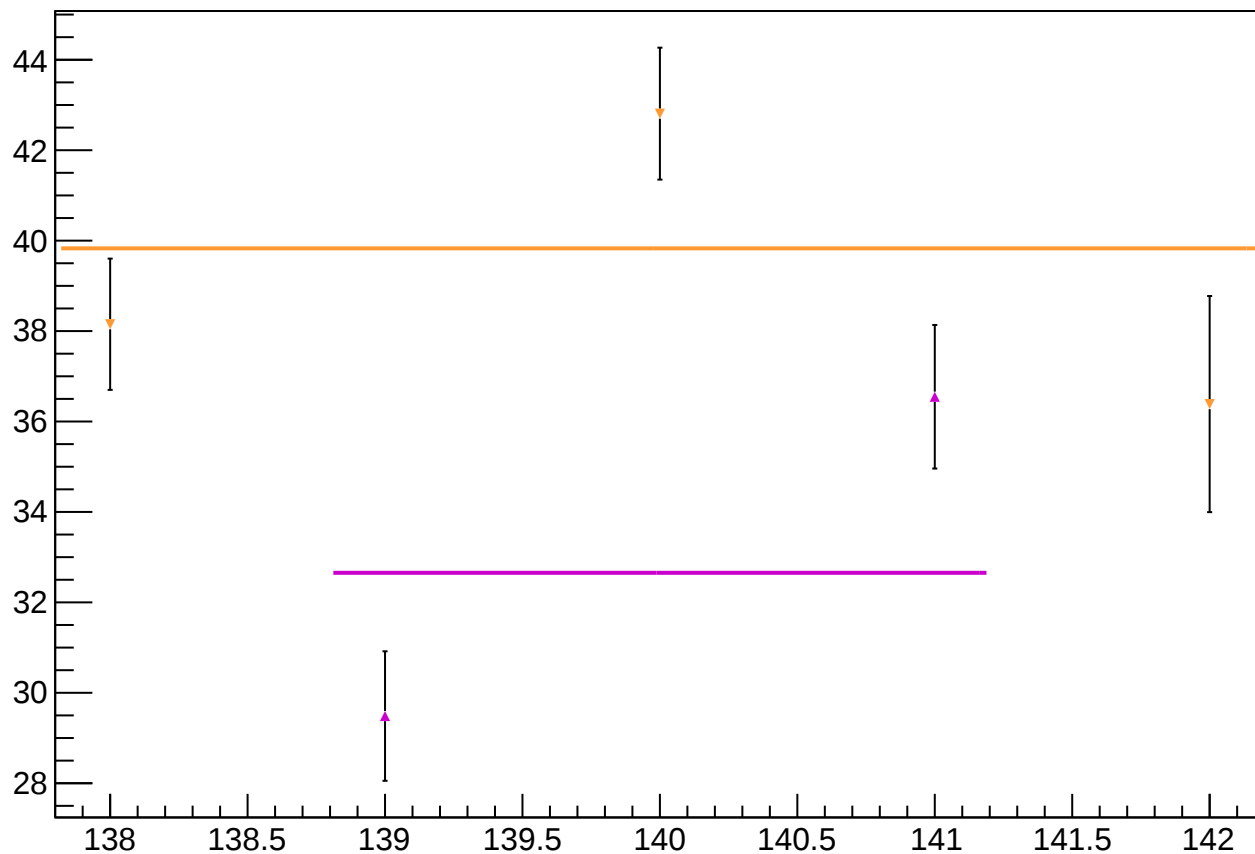
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 121.216+/-0.067 χ^2/NDF : 125206.1/18

Out: 108.490+/-0.059 χ^2/NDF : 251234.7/20

All: 114.133+/-0.044 χ^2/NDF : 396791.4/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 39.830+/-0.945 χ^2/NDF : 7.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.654+/-1.063 χ^2/NDF : 10.9/1

Left: 36.663+/-0.706 χ^2/NDF : 43.9/4

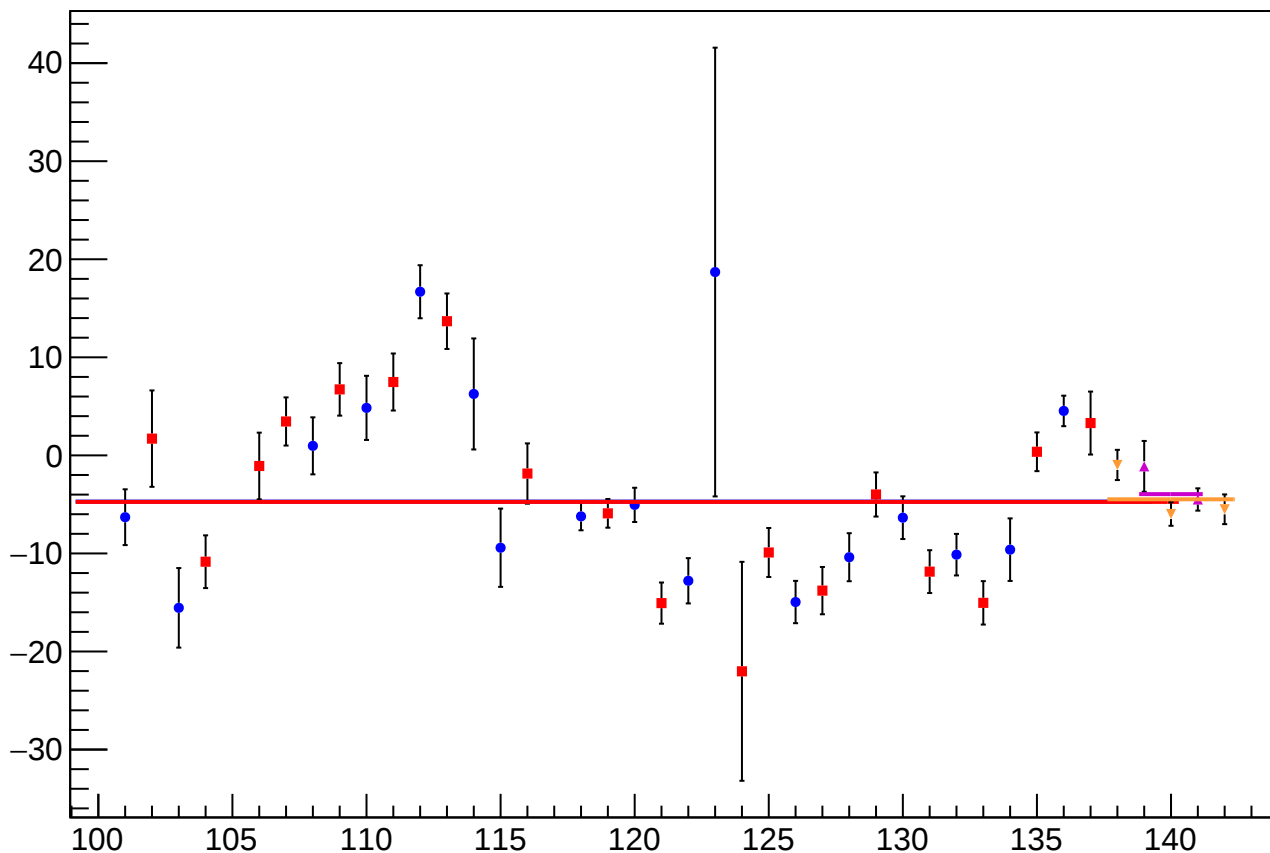
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.654+/-1.063 χ^2/NDF : 10.9/1

Out: 39.830+/-0.945 χ^2/NDF : 7.6/2

All: 36.663+/-0.706 χ^2/NDF : 43.9/4

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.480 ± 0.804 χ^2/NDF : 7.2/2

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -3.952 ± 1.042 χ^2/NDF : 1.4/1

Left: -4.283 ± 0.637 χ^2/NDF : 8.8/4

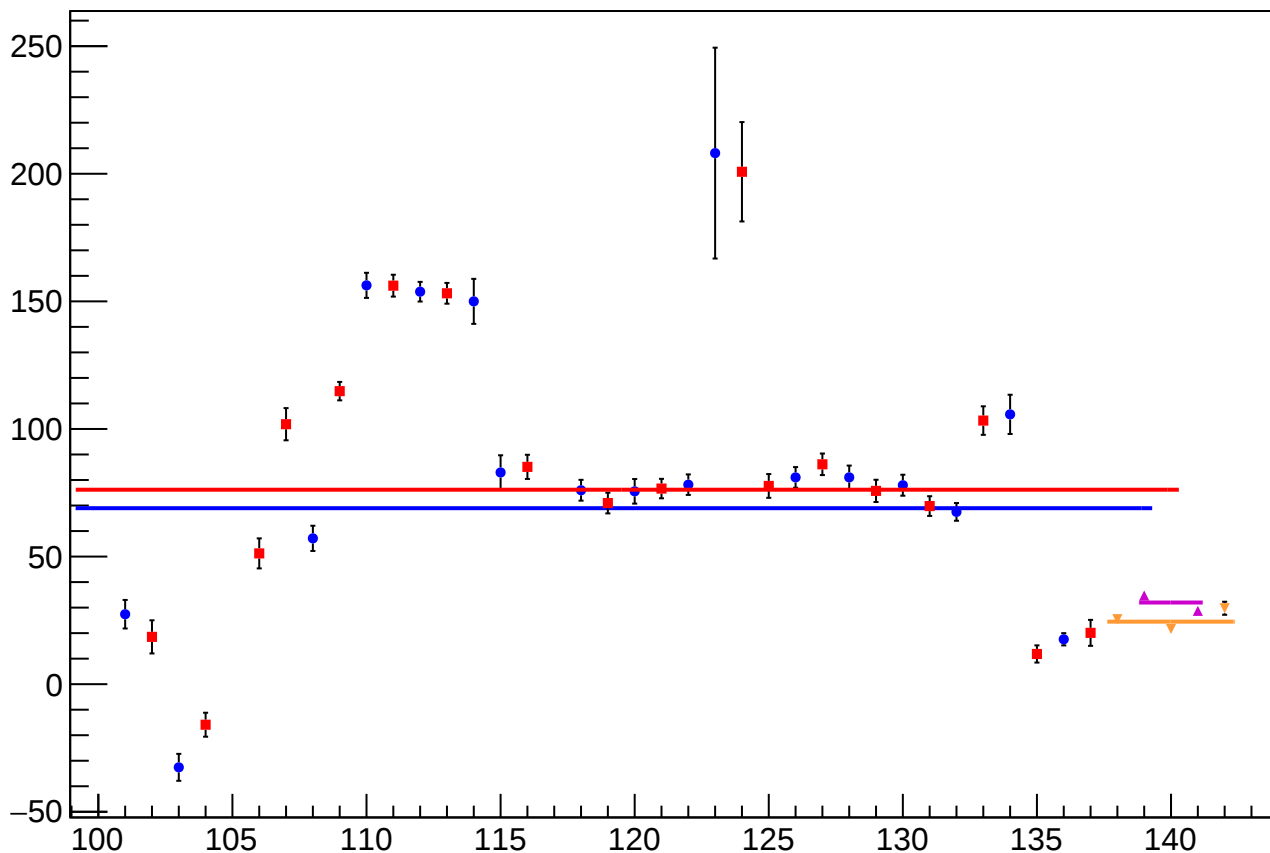
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.533 ± 0.507 χ^2/NDF : 176.5/18

Out: -4.653 ± 0.473 χ^2/NDF : 196.5/20

All: -4.597 ± 0.346 χ^2/NDF : 373.1/39

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 24.497 $\pm$ 1.015 χ^2 /NDF:8.0/2

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 31.993 $\pm$ 1.142 χ^2 /NDF:6.9/1

Left: 27.807 $\pm$ 0.759 χ^2 /NDF: 38.9/4

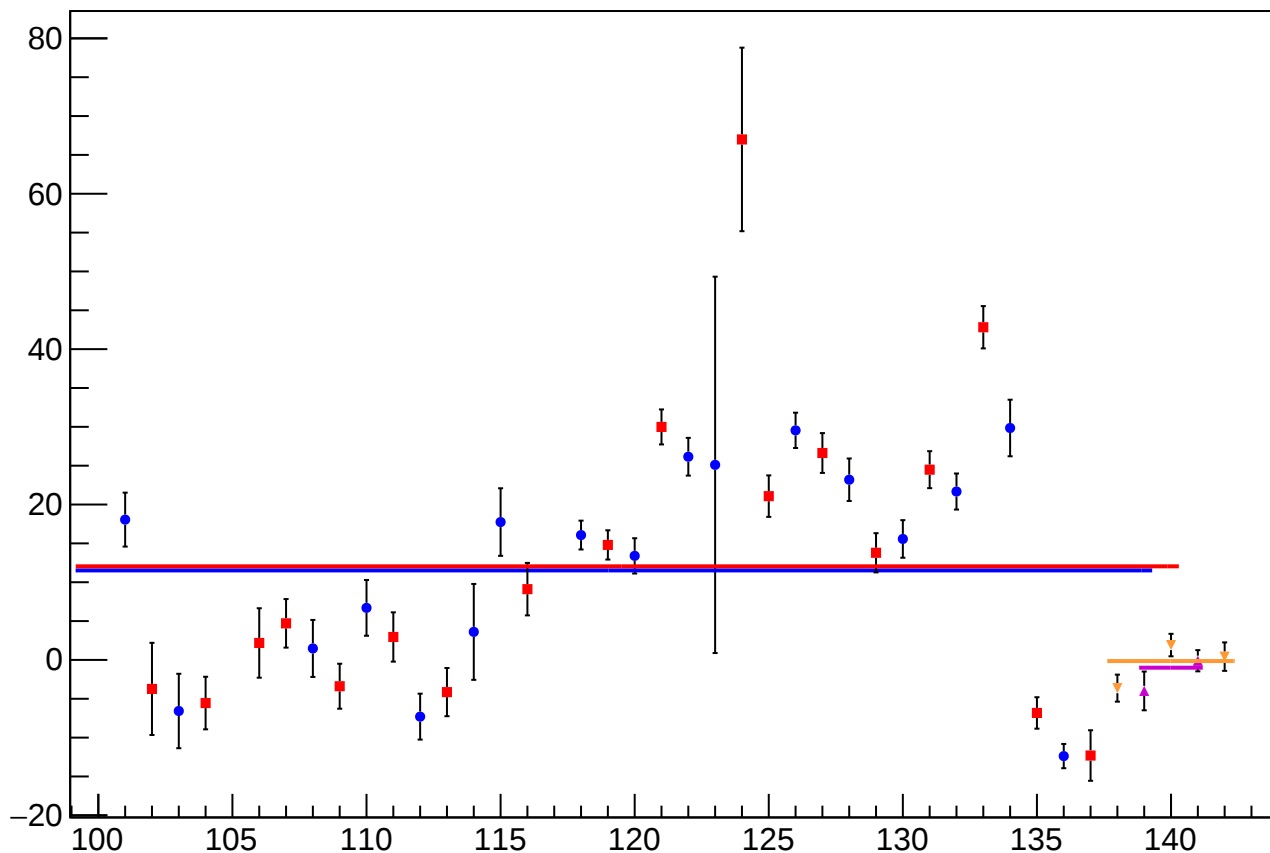
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 51.522 $\pm$ 0.784 χ^2 /NDF:2404.6/18

Out: 48.966 $\pm$ 0.737 χ^2 /NDF:3116.5/20

All: 50.164 $\pm$ 0.537 χ^2 /NDF: 5526.8/39

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -0.144+/-0.950 χ^2/NDF : 6.1/2

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -1.000+/-1.197 χ^2/NDF : 1.9/1

Left: -0.475+/-0.744 χ^2/NDF : 8.3/4

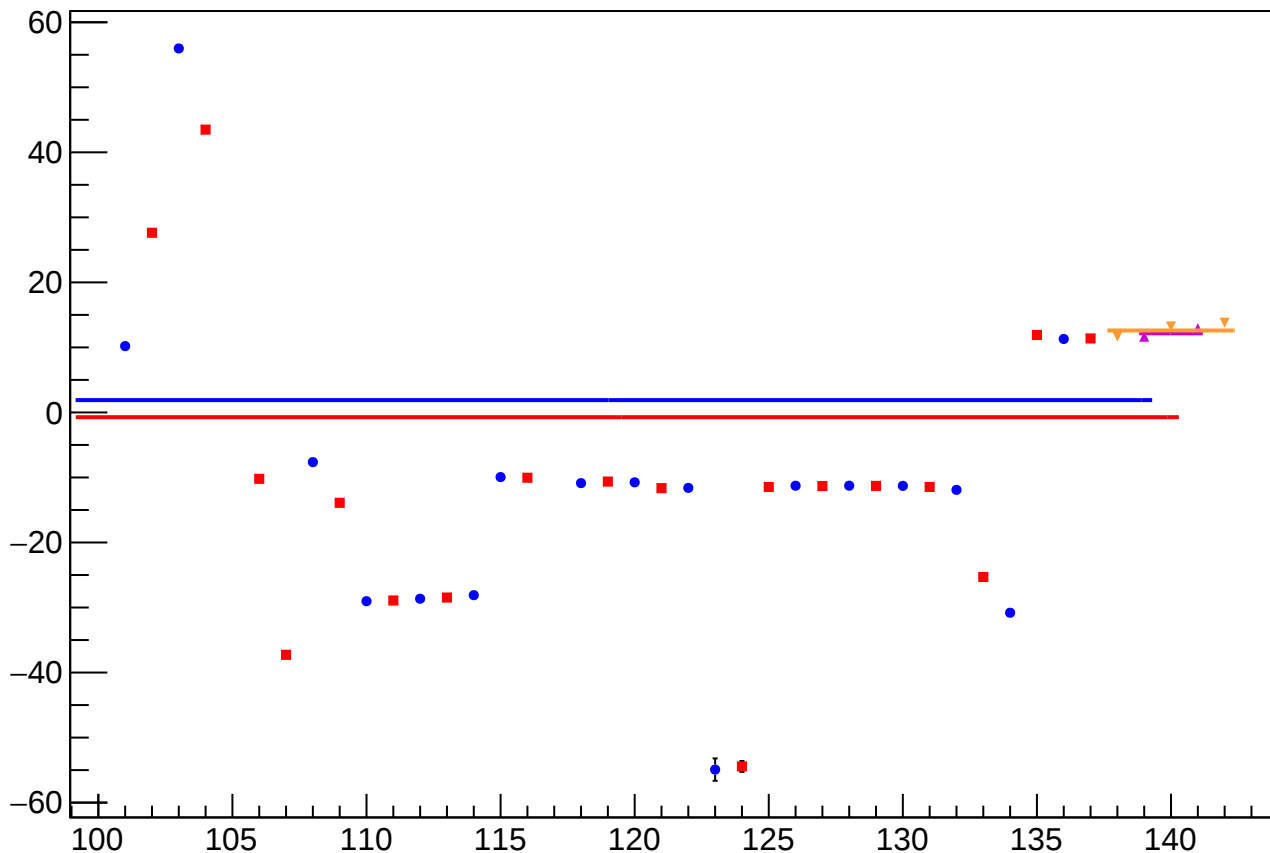
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 8.605+/-0.578 χ^2/NDF : 562.9/18

Out: 8.041+/-0.545 χ^2/NDF : 655.4/20

All: 8.306+/-0.396 χ^2/NDF : 1218.9/39

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 12.604 ± 0.041 $\chi^2/\text{NDF}: 447.4/2$

Right Out: -0.733 ± 0.037 $\chi^2/\text{NDF}: 359934.4/17$

Left In: 12.161 ± 0.043 $\chi^2/\text{NDF}: 216.0/1$

Left: 12.388 ± 0.030 $\chi^2/\text{NDF}: 718.8/4$

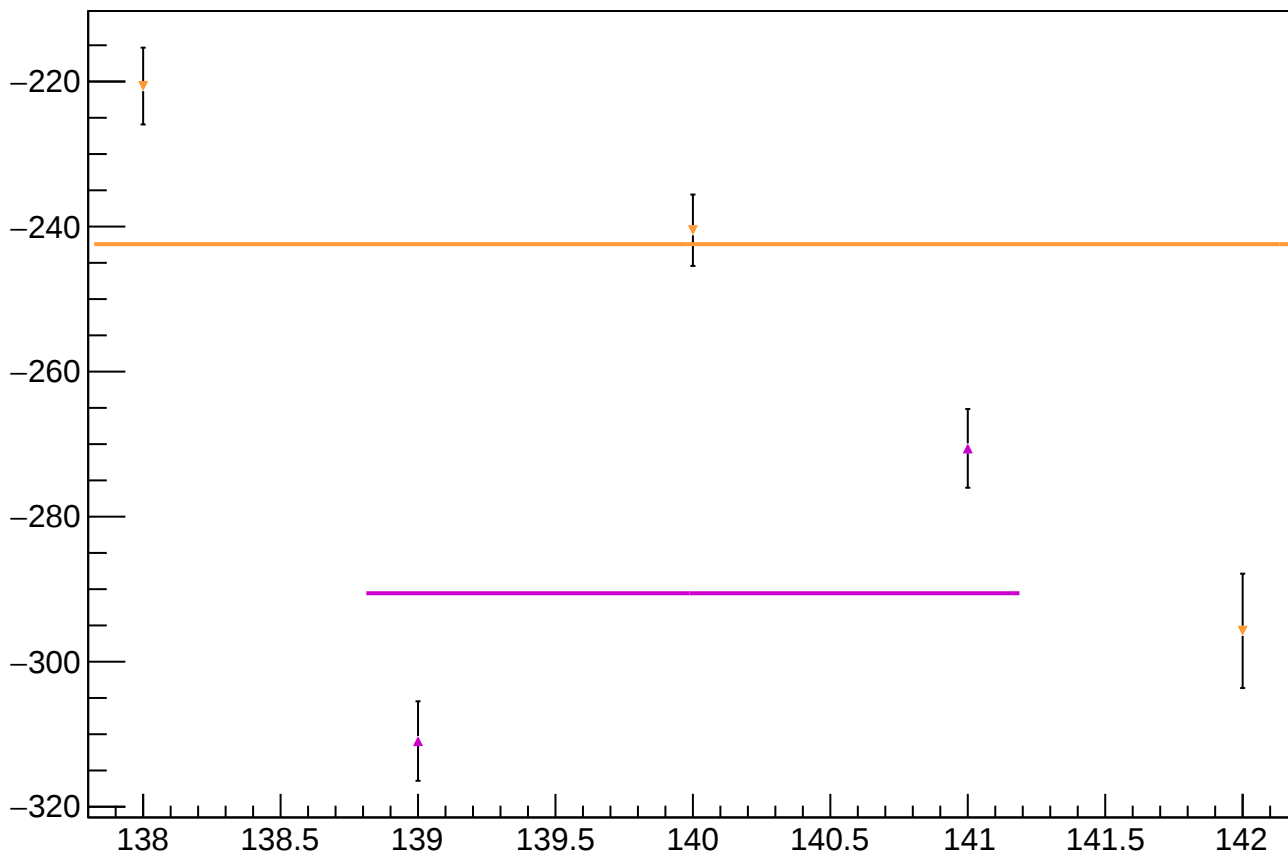
Right: 0.584 ± 0.026 $\chi^2/\text{NDF}: 721303.3/34$

In: 6.312 ± 0.028 $\chi^2/\text{NDF}: 392105.8/18$

Out: 5.197 ± 0.028 $\chi^2/\text{NDF}: 417797.1/20$

All: 5.749 ± 0.020 $\chi^2/\text{NDF}: 810706.5/39$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -242.428+/-3.278 χ^2/NDF : 62.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Left: -262.622+/-2.498 χ^2/NDF : 180.7/4

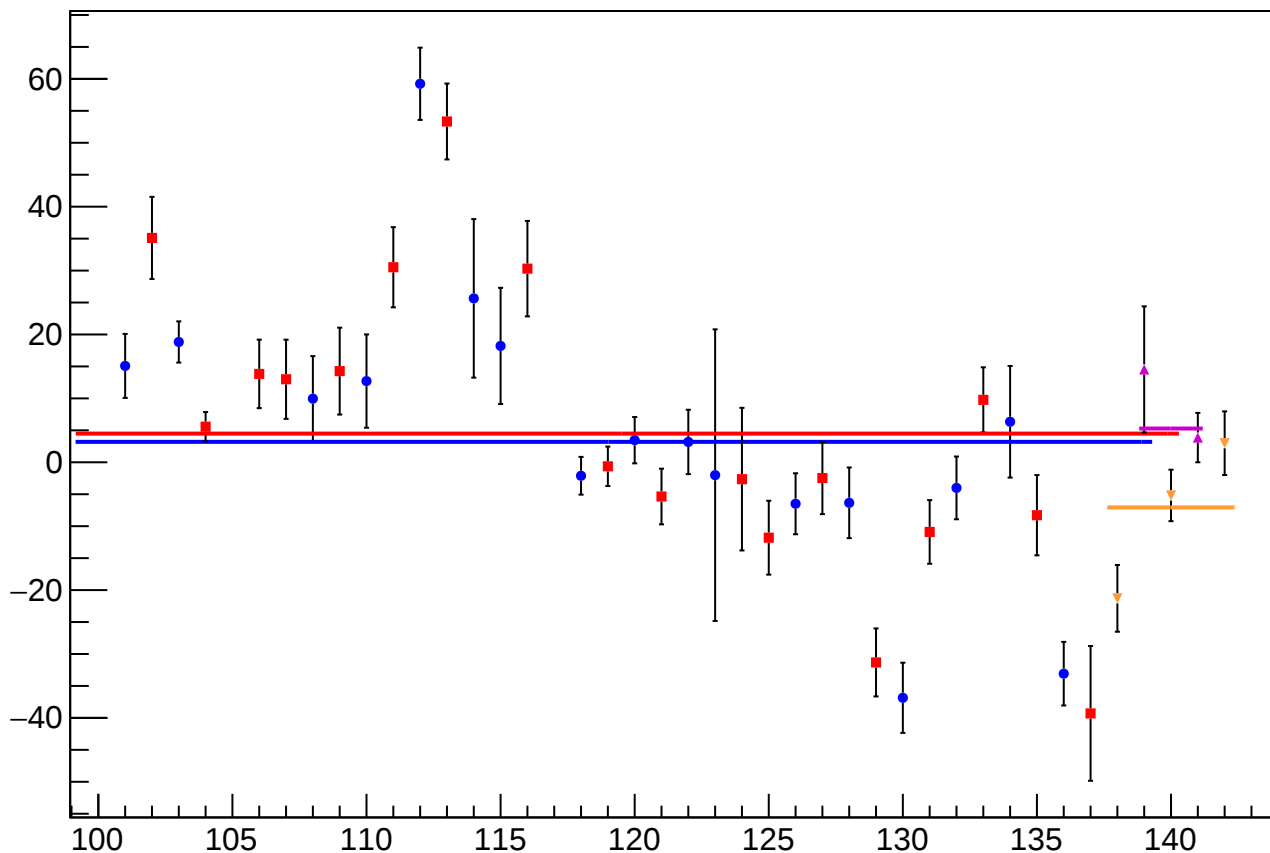
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Out: -242.428+/-3.278 χ^2/NDF : 62.8/2

All: -262.622+/-2.498 χ^2/NDF : 180.7/4

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: -7.069 $\pm$ 2.686 χ^2 /NDF:11.7/2

Right Out: 4.489 $\pm$ 1.159 χ^2 /NDF: 221.8/17

Left In: 5.282 $\pm$ 3.598 χ^2 /NDF:1.0/1

Left: -2.648 $\pm$ 2.152 χ^2 /NDF: 20.3/4

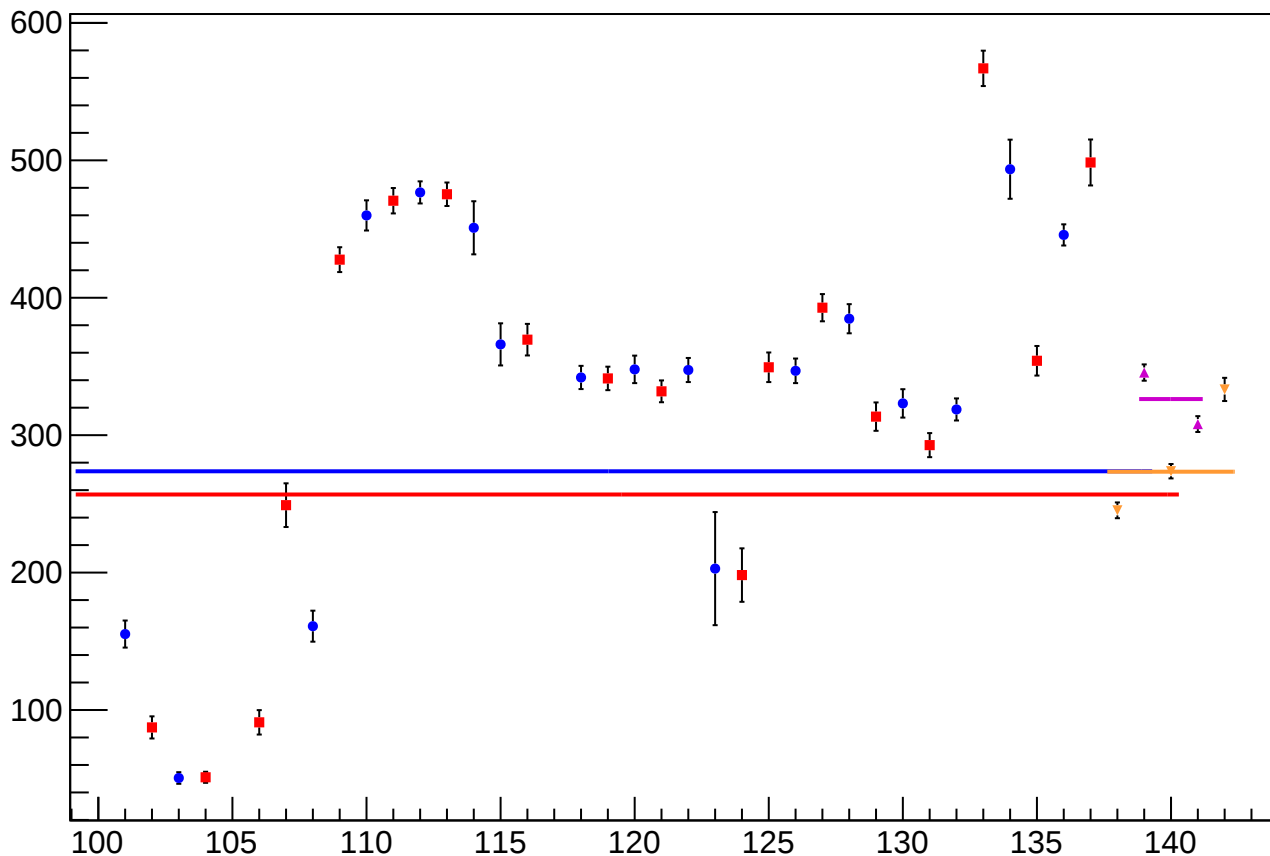
Right: 3.881 $\pm$ 0.843 χ^2 /NDF: 477.5/34

In: 3.417 $\pm$ 1.162 χ^2 /NDF:256.5/18

Out: 2.676 $\pm$ 1.064 χ^2 /NDF:249.1/20

All: 3.014 $\pm$ 0.785 χ^2 /NDF: 505.8/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 273.413 $\pm$ 3.517 χ^2 /NDF: 74.3/2

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 326.285 $\pm$ 4.136 χ^2 /NDF: 20.5/1

Left: 295.601 $\pm$ 2.680 χ^2 /NDF: 189.6/4

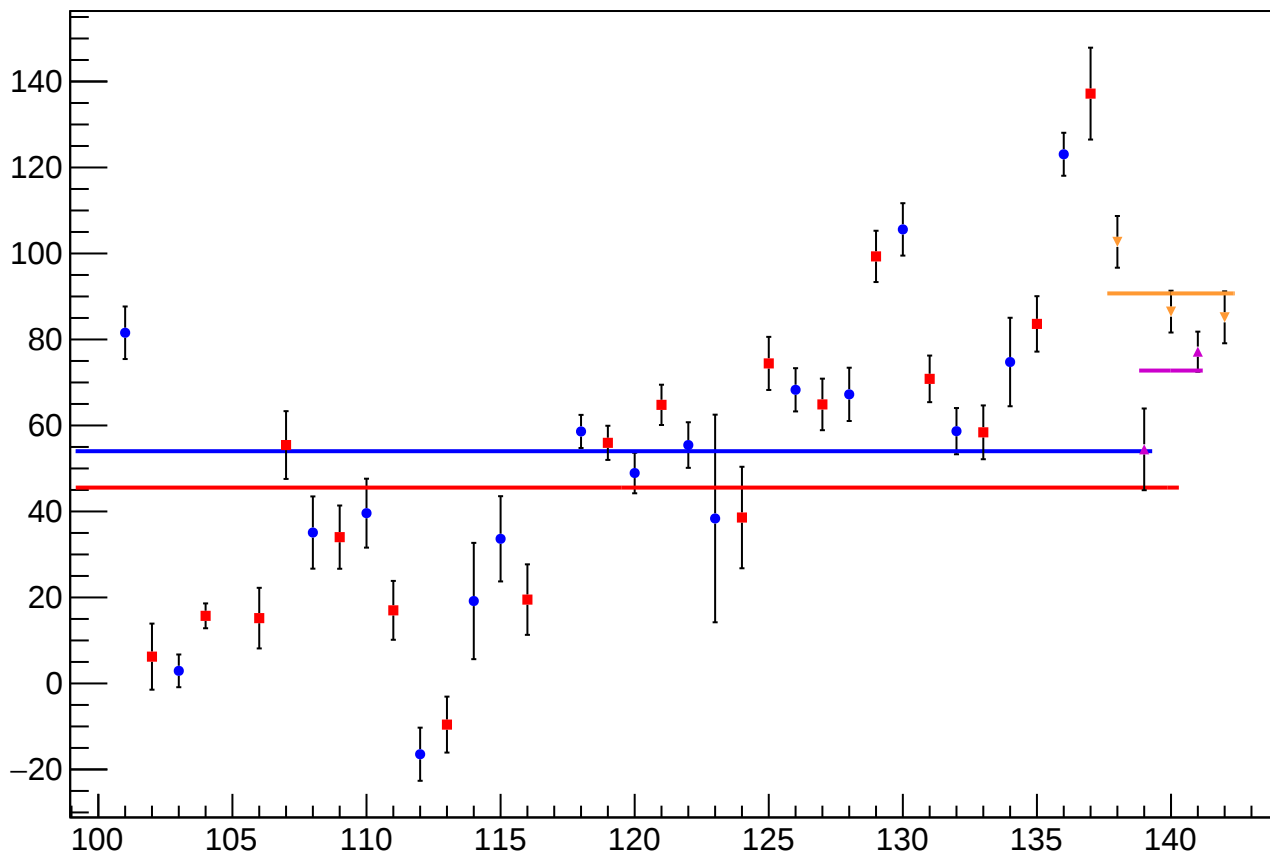
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 285.264 $\pm$ 1.939 χ^2 /NDF: 5249.9/18

Out: 261.135 $\pm$ 1.793 χ^2 /NDF: 6502.5/20

All: 272.257 $\pm$ 1.316 χ^2 /NDF: 11835.9/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 90.709 $\pm$ 3.205 χ^2 /NDF:5.6/2

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 72.770 $\pm$ 4.180 χ^2 /NDF:4.6/1

Left: 84.068 $\pm$ 2.543 χ^2 /NDF: 21.8/4

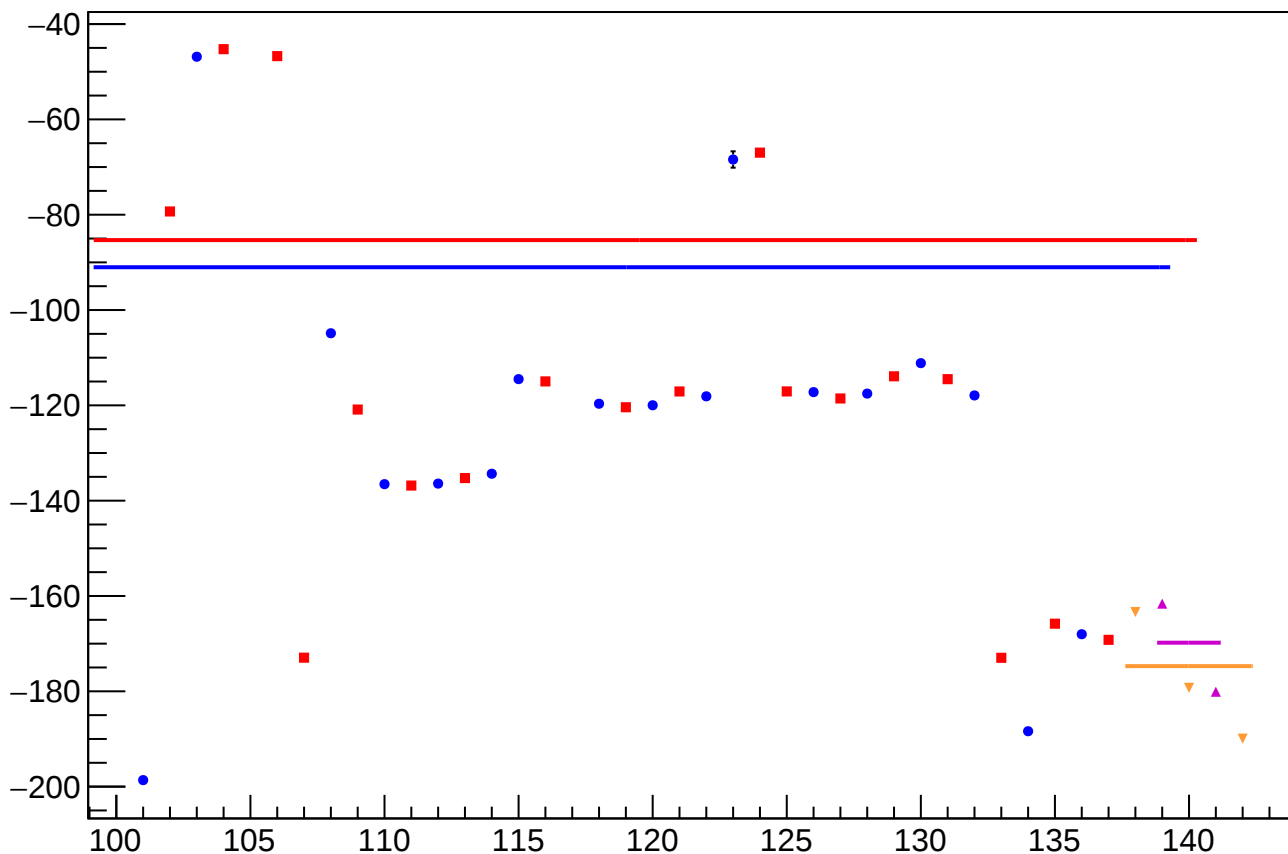
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 52.430 $\pm$ 1.251 χ^2 /NDF:700.5/20

All: 54.066 $\pm$ 0.917 χ^2 /NDF: 1359.7/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -174.718+/-0.146 χ^2/NDF : 4880.4/2

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -169.801+/-0.156 χ^2/NDF : 3472.0/1

Left: -172.420+/-0.107 χ^2/NDF : 8882.5/4

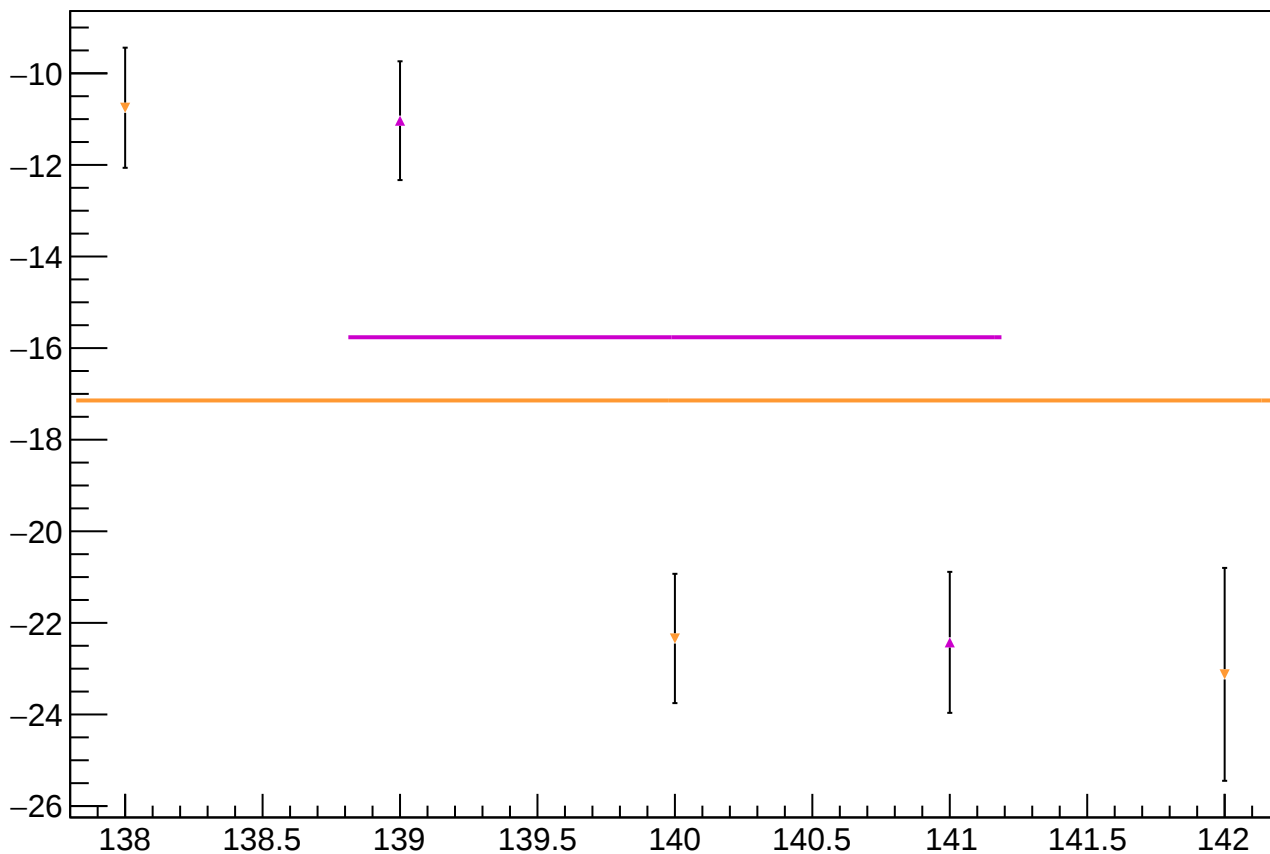
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -100.176+/-0.060 χ^2/NDF : 800635.6/20

All: -101.766+/-0.043 χ^2/NDF : 1554970.7/39

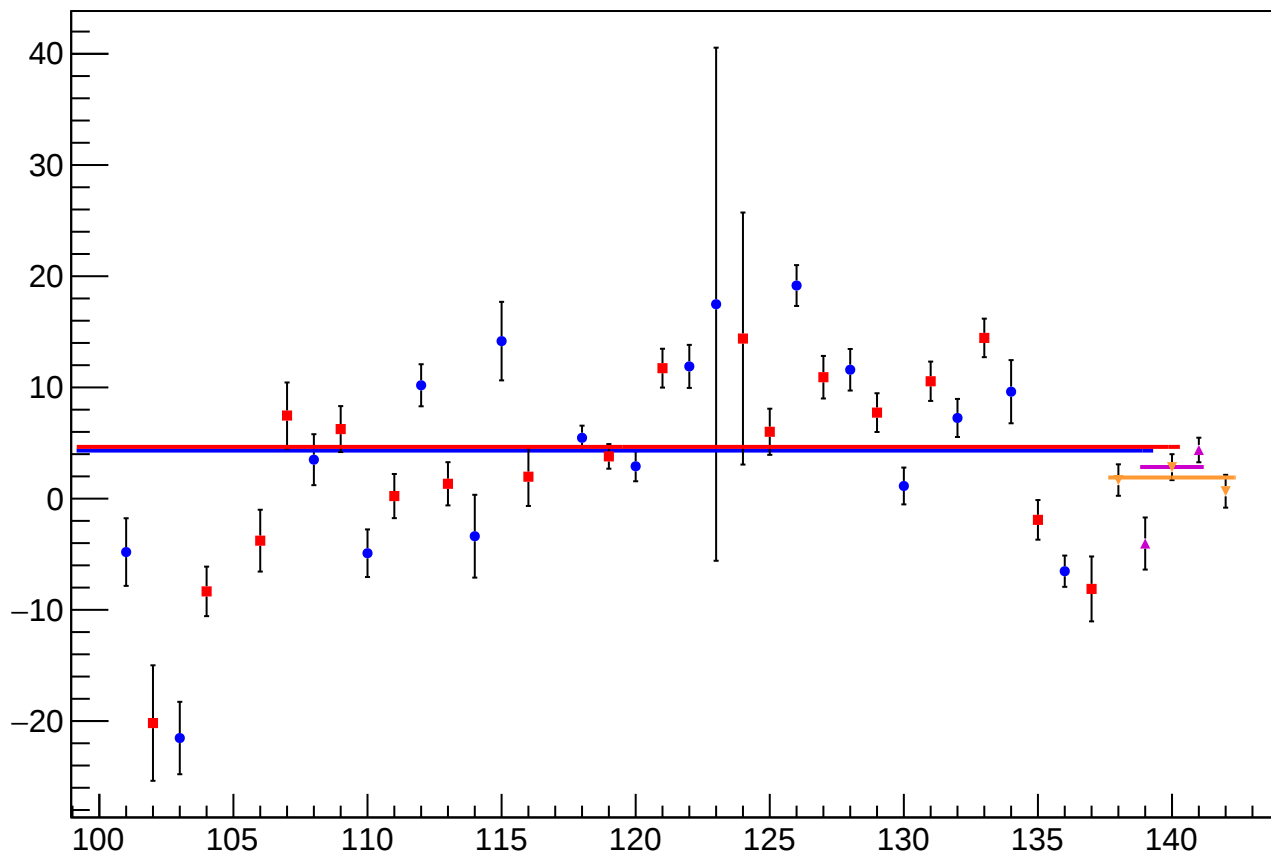
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -17.143 $\pm$ 0.888 χ^2/NDF :43.9/2
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -15.763 $\pm$ 0.992 χ^2/NDF :32.0/1

Left: -16.529 $\pm$ 0.662 χ^2/NDF : 77.0/4
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -15.763 $\pm$ 0.992 χ^2/NDF :32.0/1
 Out: -17.143 $\pm$ 0.888 χ^2/NDF :43.9/2
 All: -16.529 $\pm$ 0.662 χ^2/NDF : 77.0/4

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322+/-0.465 χ^2/NDF : 280.3/16

Left Out: 1.901+/-0.769 χ^2/NDF : 1.4/2

Right Out: 4.653+/-0.474 χ^2/NDF : 184.4/17

Left In: 2.844+/-0.999 χ^2/NDF : 10.5/1

Left: 2.252+/-0.609 χ^2/NDF : 12.5/4

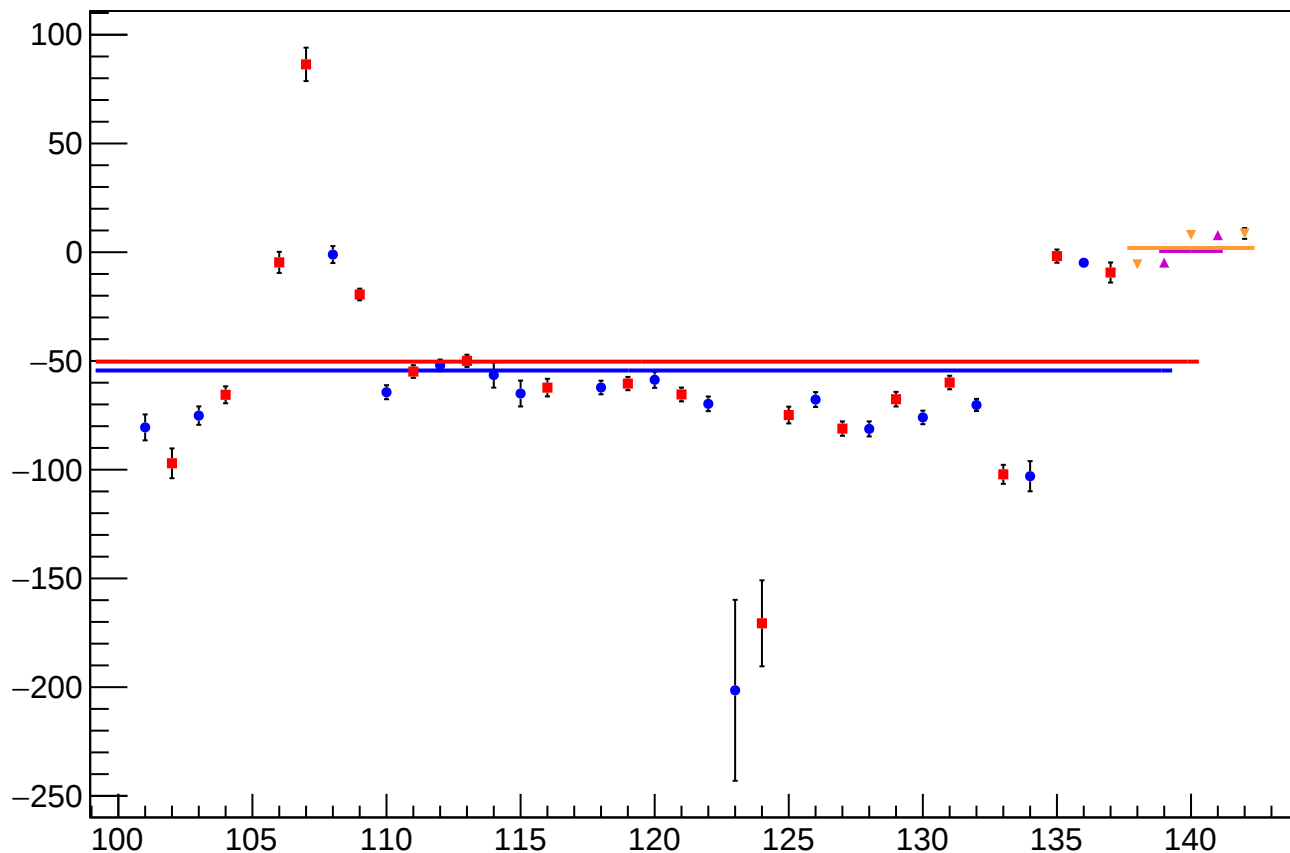
Right: 4.484+/-0.332 χ^2/NDF : 465.0/34

In: 4.058+/-0.422 χ^2/NDF : 292.7/18

Out: 3.895+/-0.403 χ^2/NDF : 195.1/20

All: 3.973+/-0.292 χ^2/NDF : 487.8/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: 1.953 ± 0.954 χ^2/NDF : 50.9/2

Right Out: -50.316 ± 0.858 χ^2/NDF : 1319.3/17

Left In: 0.576 ± 1.066 χ^2/NDF : 34.2/1

Left: 1.340 ± 0.711 χ^2/NDF : 86.0/4

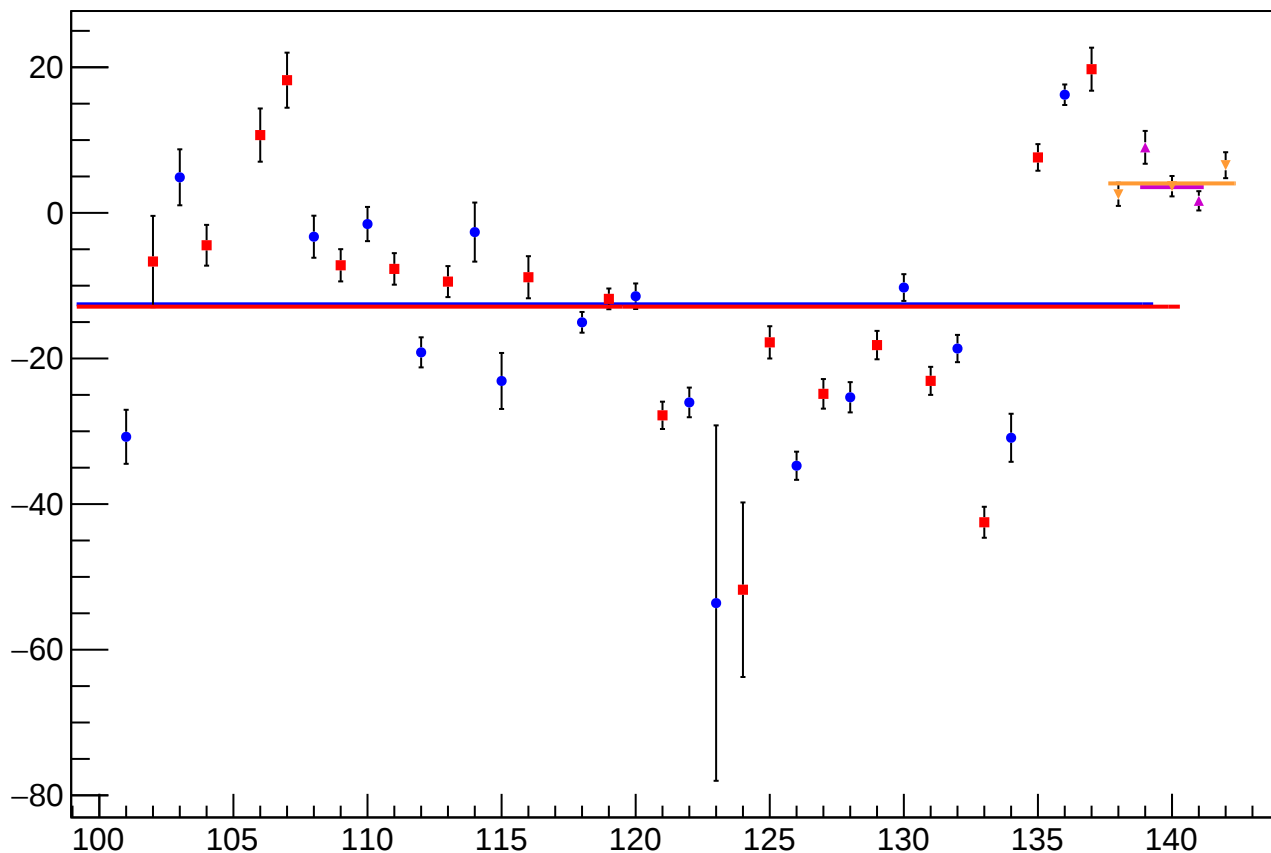
Right: -52.337 ± 0.609 χ^2/NDF : 2344.4/34

In: -32.571 ± 0.671 χ^2/NDF : 2652.6/18

Out: -26.947 ± 0.638 χ^2/NDF : 3028.3/20

All: -29.617 ± 0.463 χ^2/NDF : 5717.8/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 4.046 ± 0.905 χ^2/NDF : 2.9/2

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.539 ± 1.142 χ^2/NDF : 7.9/1

Left: 3.850 ± 0.709 χ^2/NDF : 10.9/4

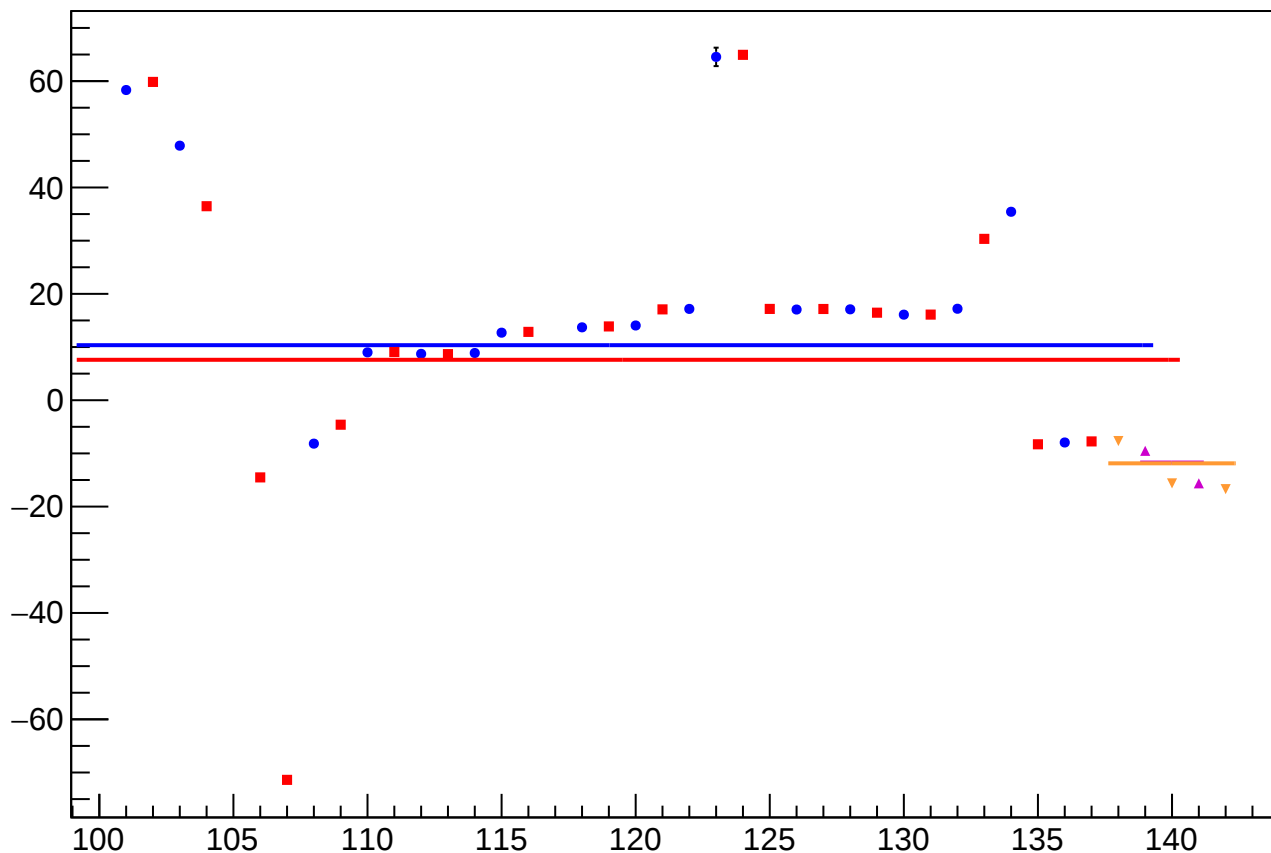
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -8.457 ± 0.463 χ^2/NDF : 988.0/20

All: -9.051 ± 0.334 χ^2/NDF : 1942.2/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -11.867+/-0.039 χ^2/NDF :11477.5/2

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -11.721+/-0.040 χ^2/NDF :5501.9/1

Left: -11.796+/-0.028 χ^2/NDF : 16986.4/4

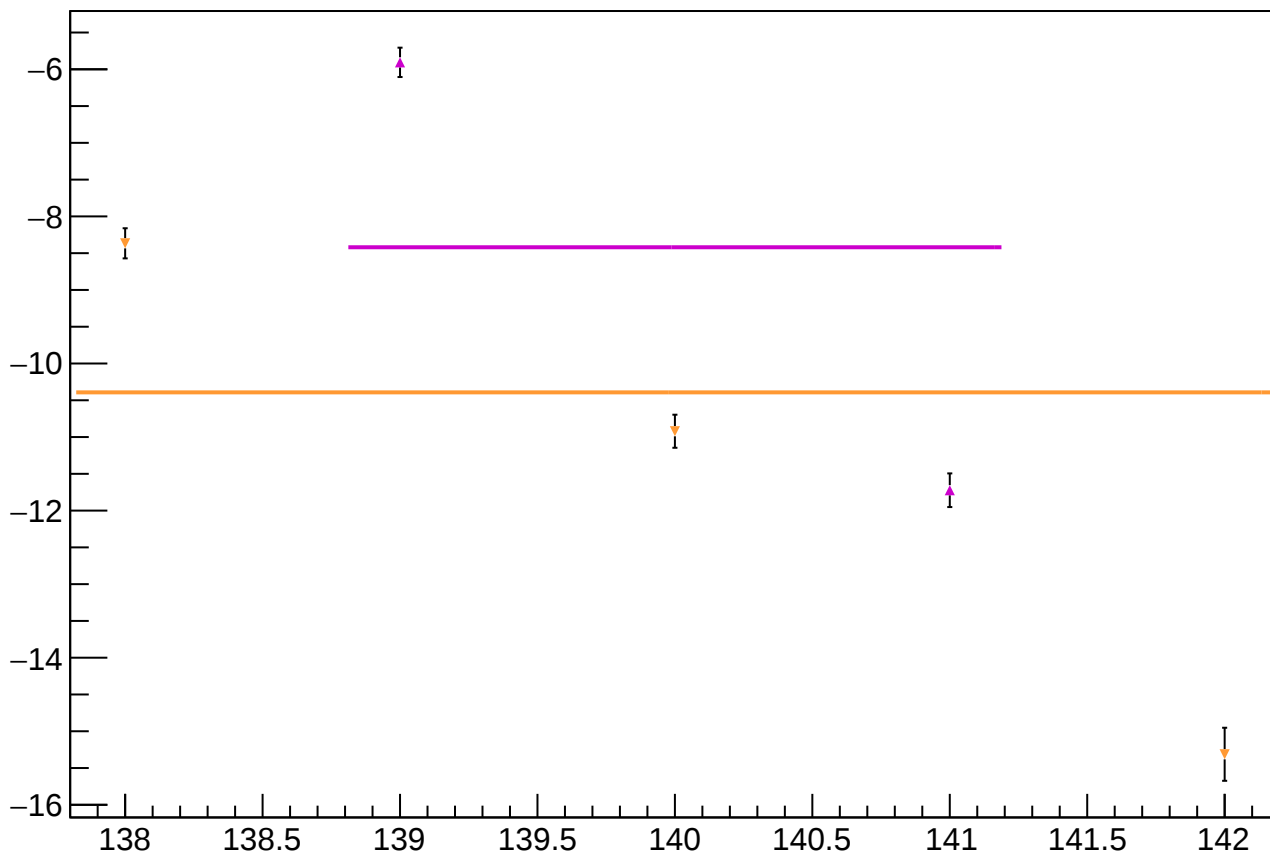
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: 2.101+/-0.024 χ^2/NDF :581071.1/18

Out: -0.067+/-0.024 χ^2/NDF :702408.8/20

All: 1.024+/-0.017 χ^2/NDF : 1287466.8/39

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.393+/-0.140 χ^2/NDF : 289.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Left: -9.479+/-0.102 χ^2/NDF : 749.2/4

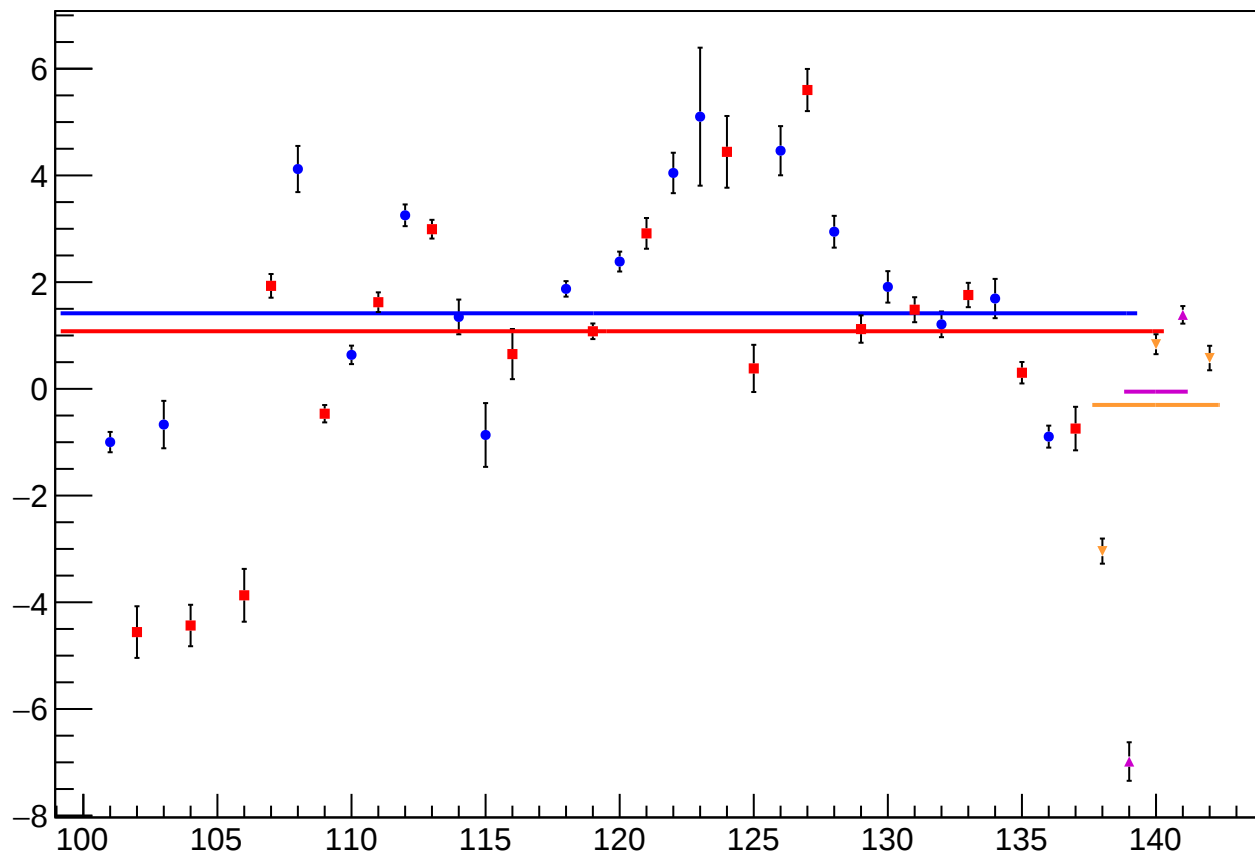
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Out: -10.393+/-0.140 χ^2/NDF : 289.6/2

All: -9.479+/-0.102 χ^2/NDF : 749.2/4

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: -0.301 ± 0.123 χ^2/NDF : 187.4/2

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: -0.053 ± 0.150 χ^2/NDF : 445.2/1

Left: -0.201 ± 0.095 χ^2/NDF : 634.2/4

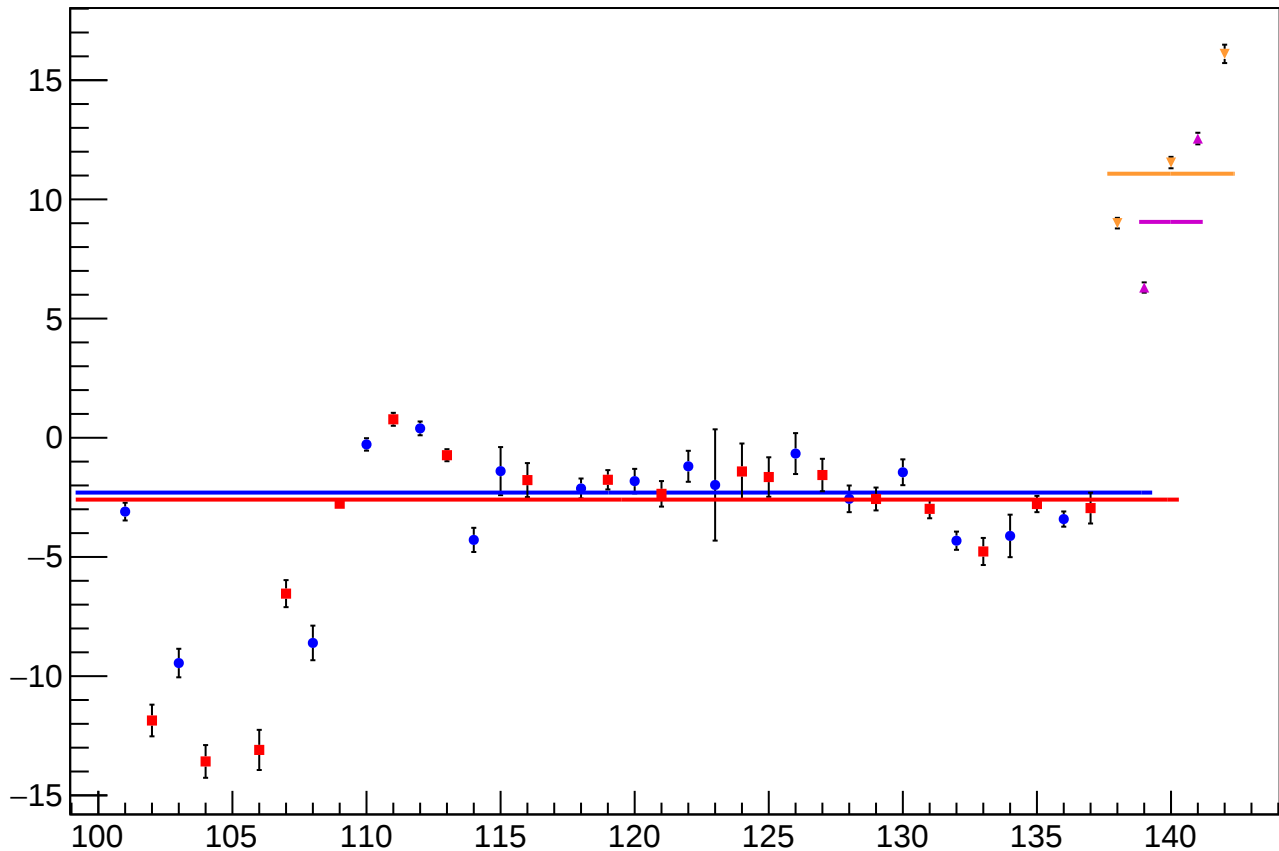
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.206 ± 0.057 χ^2/NDF : 1158.8/18

Out: 0.828 ± 0.053 χ^2/NDF : 1206.1/20

All: 1.003 ± 0.039 χ^2/NDF : 2388.8/39

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 11.077 ± 0.150 $\chi^2/\text{NDF}: 260.4/2$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 9.055 ± 0.161 $\chi^2/\text{NDF}: 369.1/1$

Left: 10.139 ± 0.110 $\chi^2/\text{NDF}: 713.6/4$

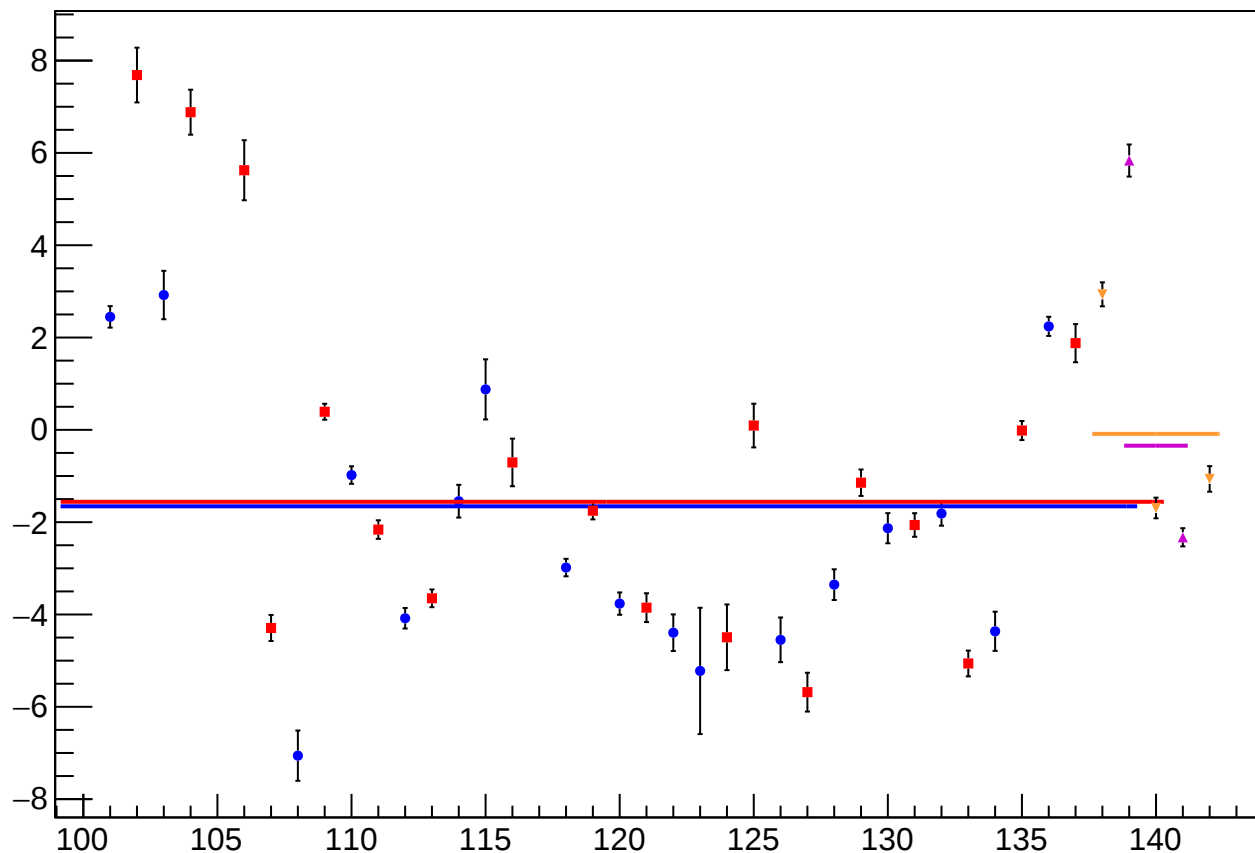
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 1.337 ± 0.091 $\chi^2/\text{NDF}: 4169.8/18$

Out: 1.564 ± 0.083 $\chi^2/\text{NDF}: 6917.7/20$

All: 1.461 ± 0.061 $\chi^2/\text{NDF}: 11090.9/39$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.087 ± 0.145 χ^2/NDF : 199.3/2

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.343 ± 0.172 χ^2/NDF : 416.6/1

Left: -0.193 ± 0.111 χ^2/NDF : 617.3/4

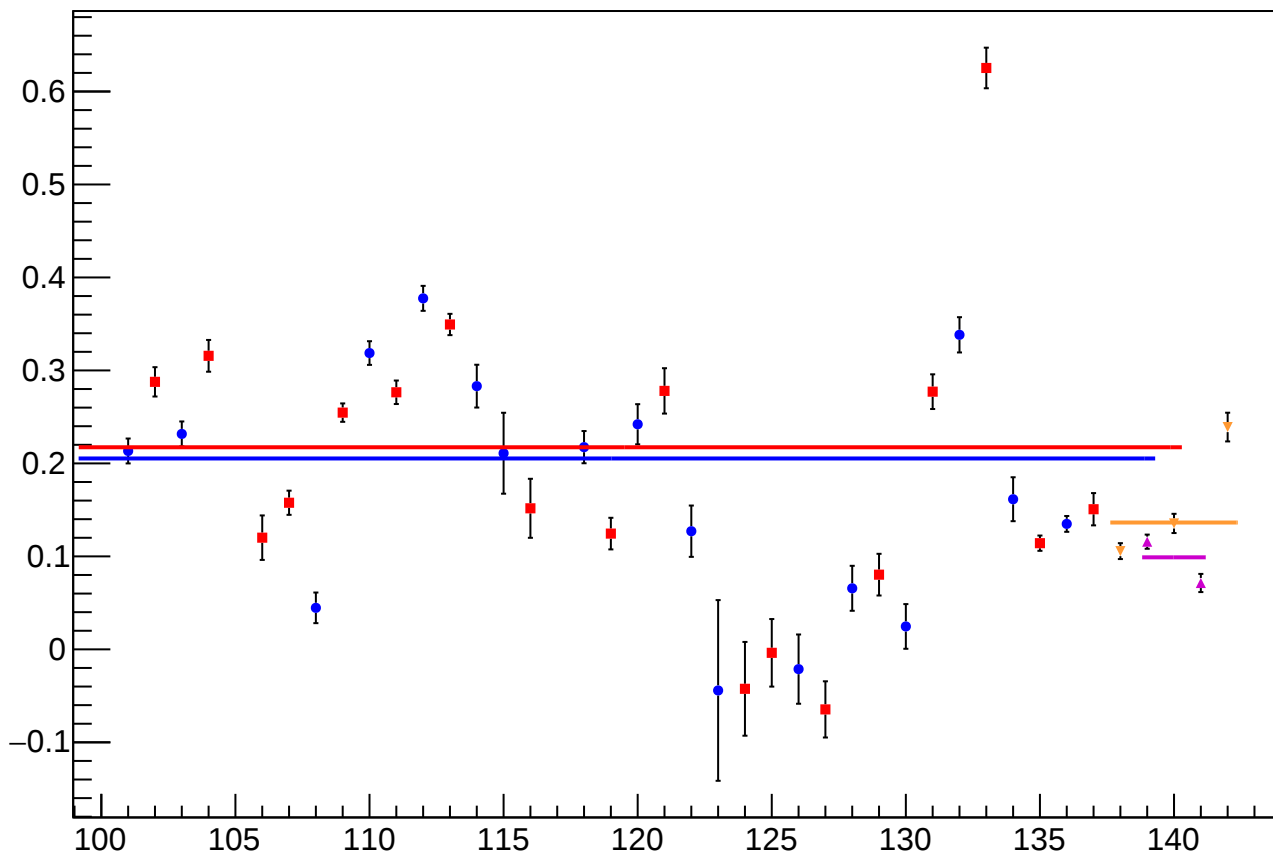
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.467 ± 0.065 χ^2/NDF : 1737.9/18

Out: -1.306 ± 0.060 χ^2/NDF : 1769.9/20

All: -1.380 ± 0.044 χ^2/NDF : 3511.1/39

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.136 $\pm$ 0.006 χ^2 /NDF:57.2/2

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:12.8/1

Left: 0.118 $\pm$ 0.004 χ^2 /NDF: 89.2/4

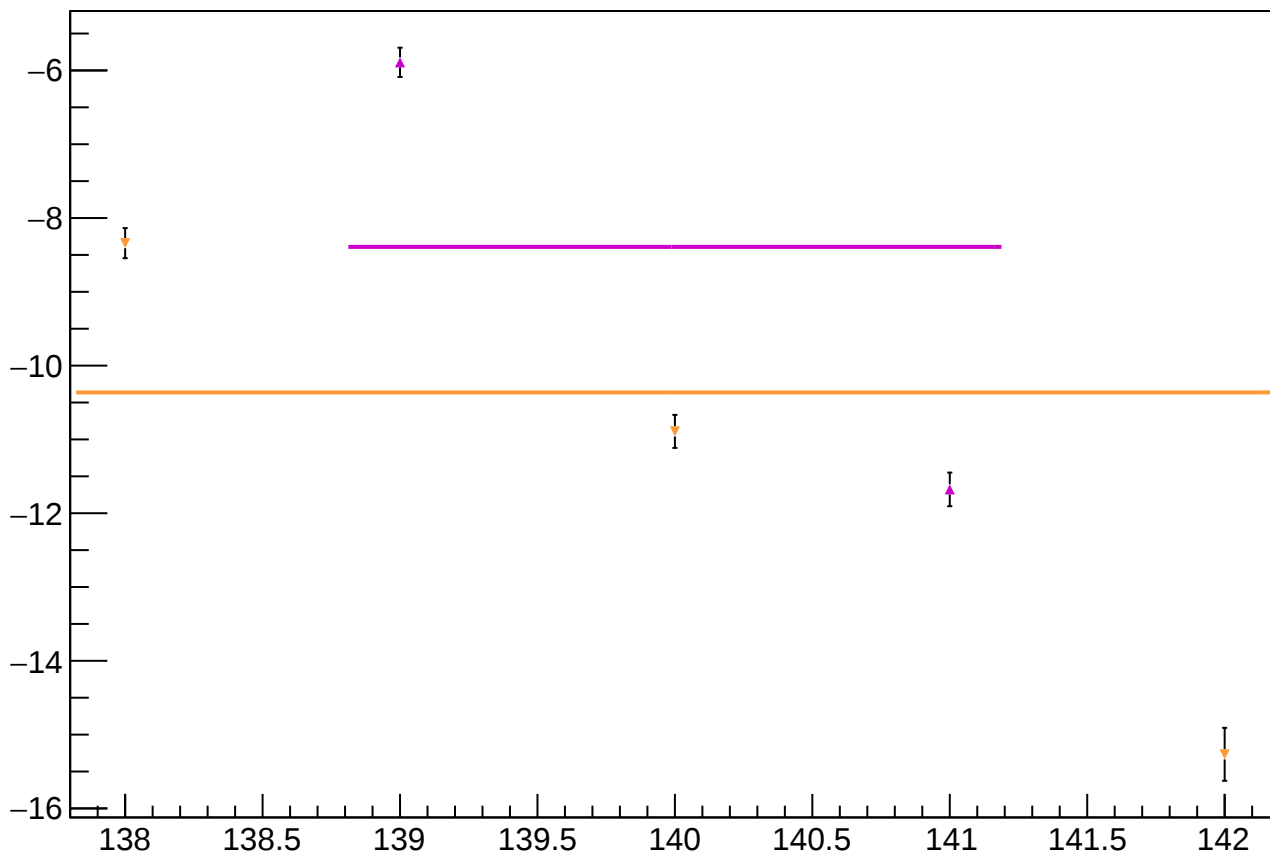
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.171 $\pm$ 0.003 χ^2 /NDF:845.5/18

Out: 0.195 $\pm$ 0.003 χ^2 /NDF:1206.4/20

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 2078.9/39

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.363+/-0.139 χ^2/NDF :290.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.391+/-0.150 χ^2/NDF :366.5/1

Left: -9.450+/-0.102 χ^2/NDF : 750.3/4

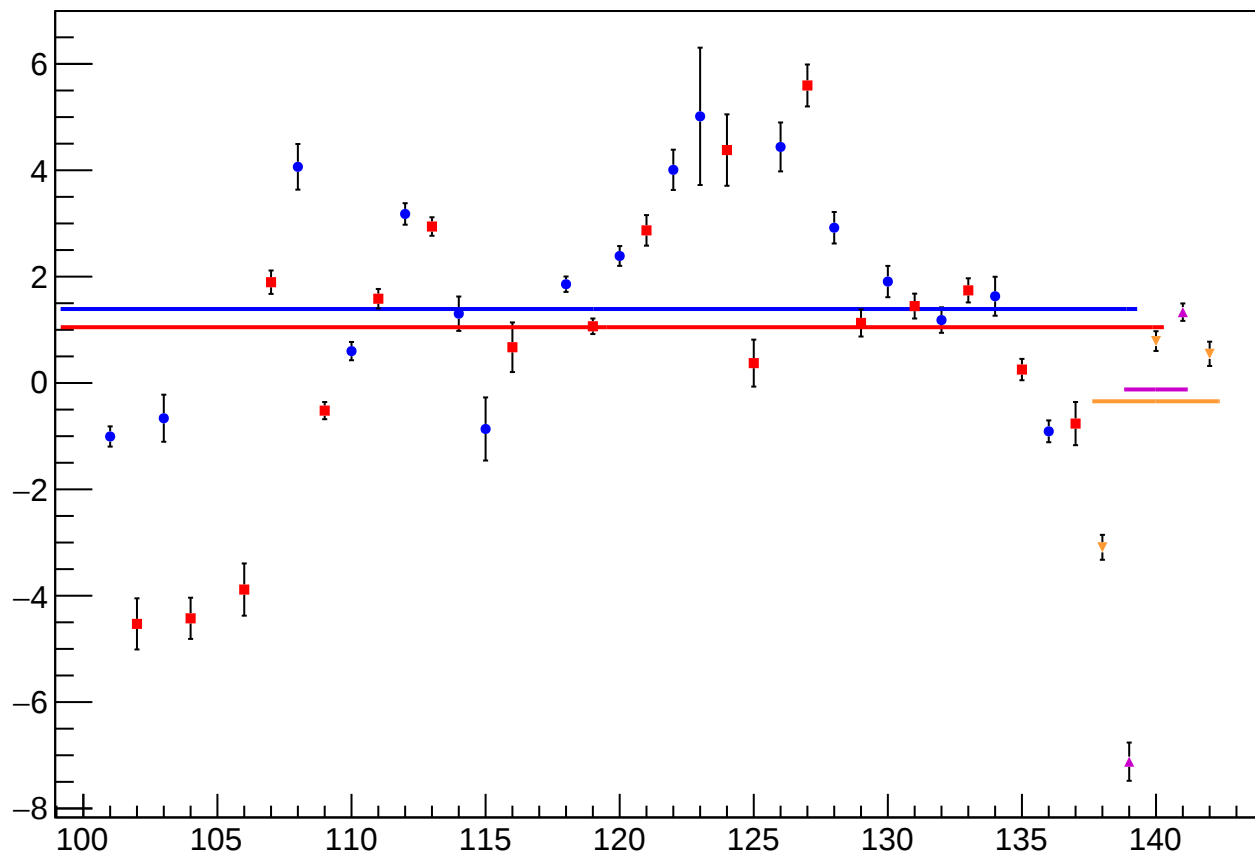
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.391+/-0.150 χ^2/NDF :366.5/1

Out: -10.363+/-0.139 χ^2/NDF :290.7/2

All: -9.450+/-0.102 χ^2/NDF : 750.3/4

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391+/-0.061 χ^2/NDF : 629.2/16

Left Out: -0.344+/-0.123 χ^2/NDF : 189.7/2

Right Out: 1.049+/-0.058 χ^2/NDF : 919.8/17

Left In: -0.121+/-0.149 χ^2/NDF : 457.7/1

Left: -0.254+/-0.095 χ^2/NDF : 648.8/4

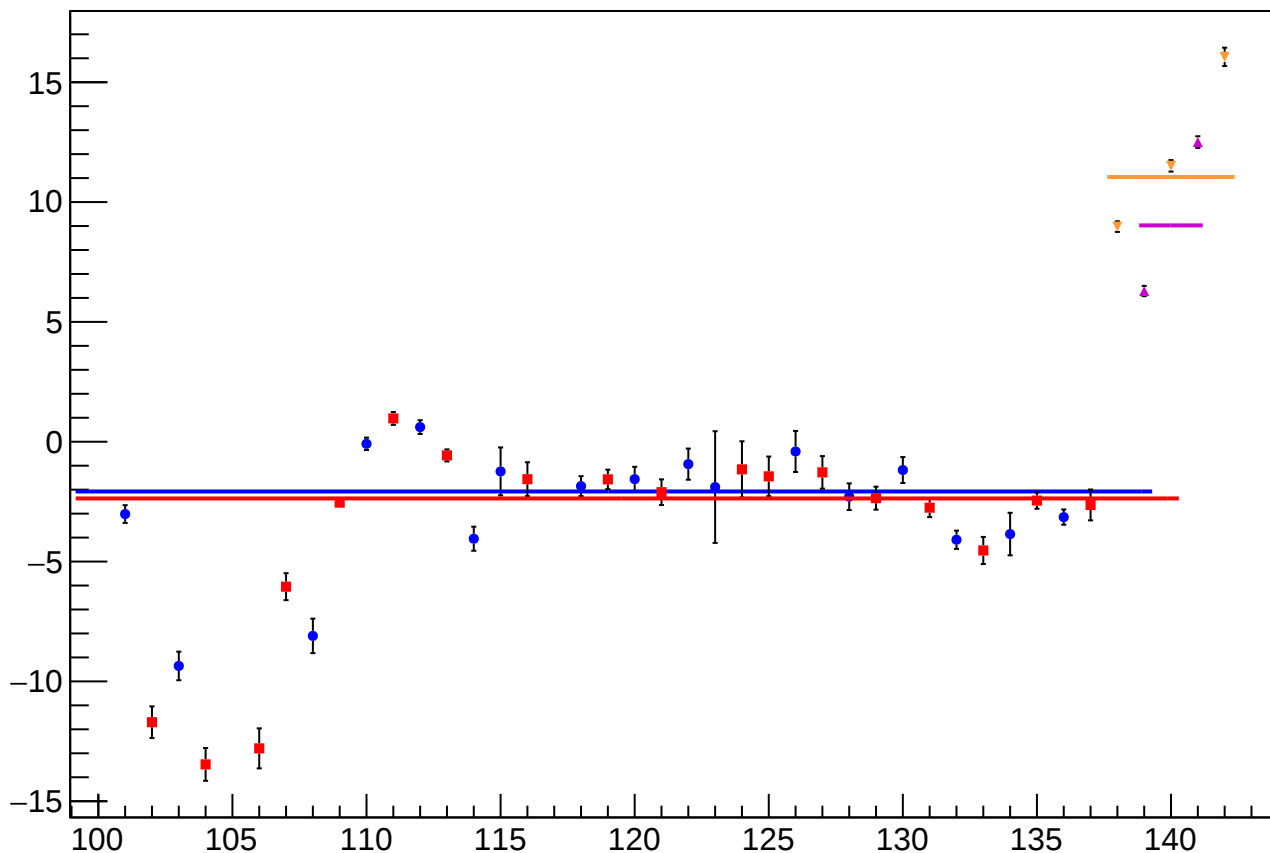
Right: 1.211+/-0.042 χ^2/NDF : 1565.5/34

In: 1.175+/-0.056 χ^2/NDF : 1175.1/18

Out: 0.795+/-0.052 χ^2/NDF : 1214.9/20

All: 0.971+/-0.038 χ^2/NDF : 2414.3/39

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 11.046 ± 0.149 $\chi^2/\text{NDF}: 261.5/2$

Right Out: -2.366 ± 0.099 $\chi^2/\text{NDF}: 893.2/17$

Left In: 9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

Left: 10.110 ± 0.109 $\chi^2/\text{NDF}: 714.3/4$

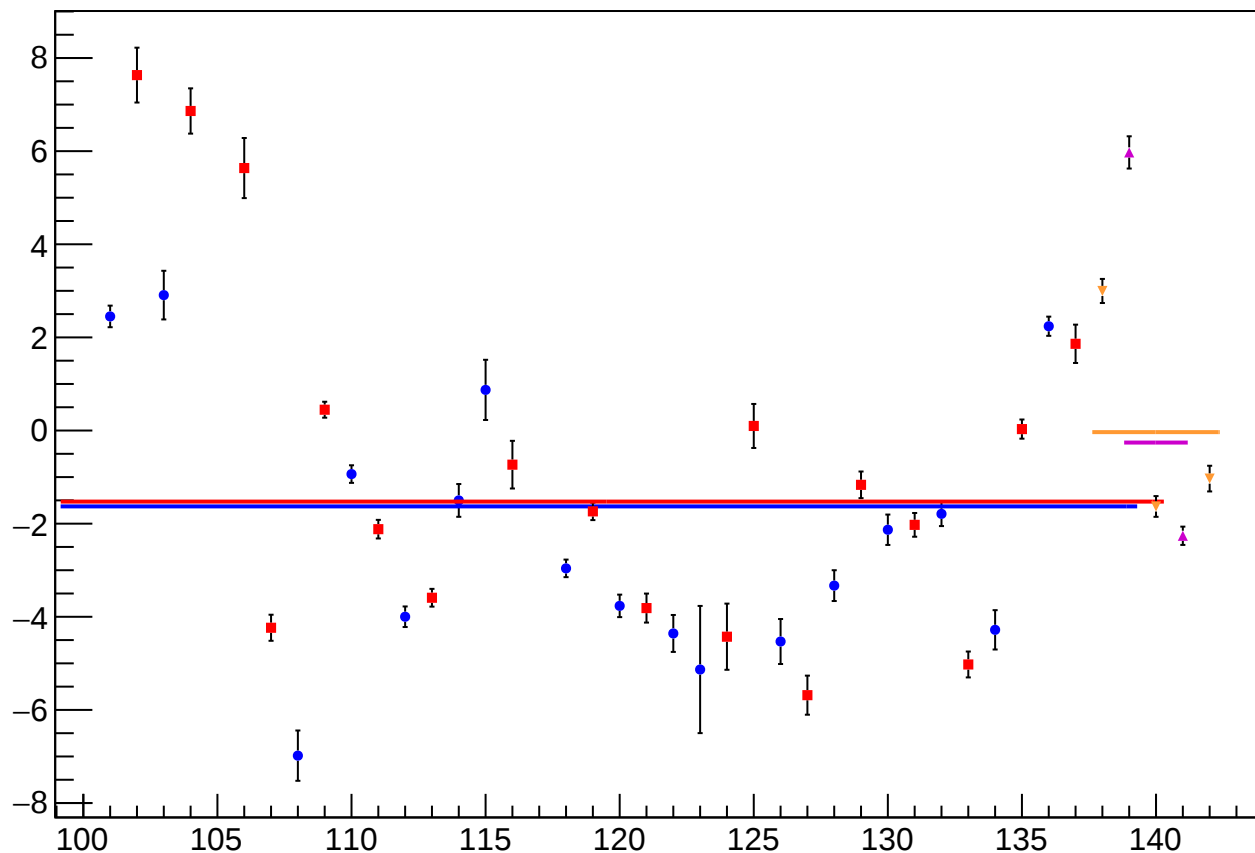
Right: -2.237 ± 0.074 $\chi^2/\text{NDF}: 1339.4/34$

In: 1.476 ± 0.091 $\chi^2/\text{NDF}: 4052.3/18$

Out: 1.708 ± 0.082 $\chi^2/\text{NDF}: 6759.1/20$

All: 1.603 ± 0.061 $\chi^2/\text{NDF}: 10814.9/39$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.034 ± 0.144 χ^2/NDF : 201.9/2

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.258 ± 0.171 χ^2/NDF : 427.6/1

Left: -0.127 ± 0.110 χ^2/NDF : 630.5/4

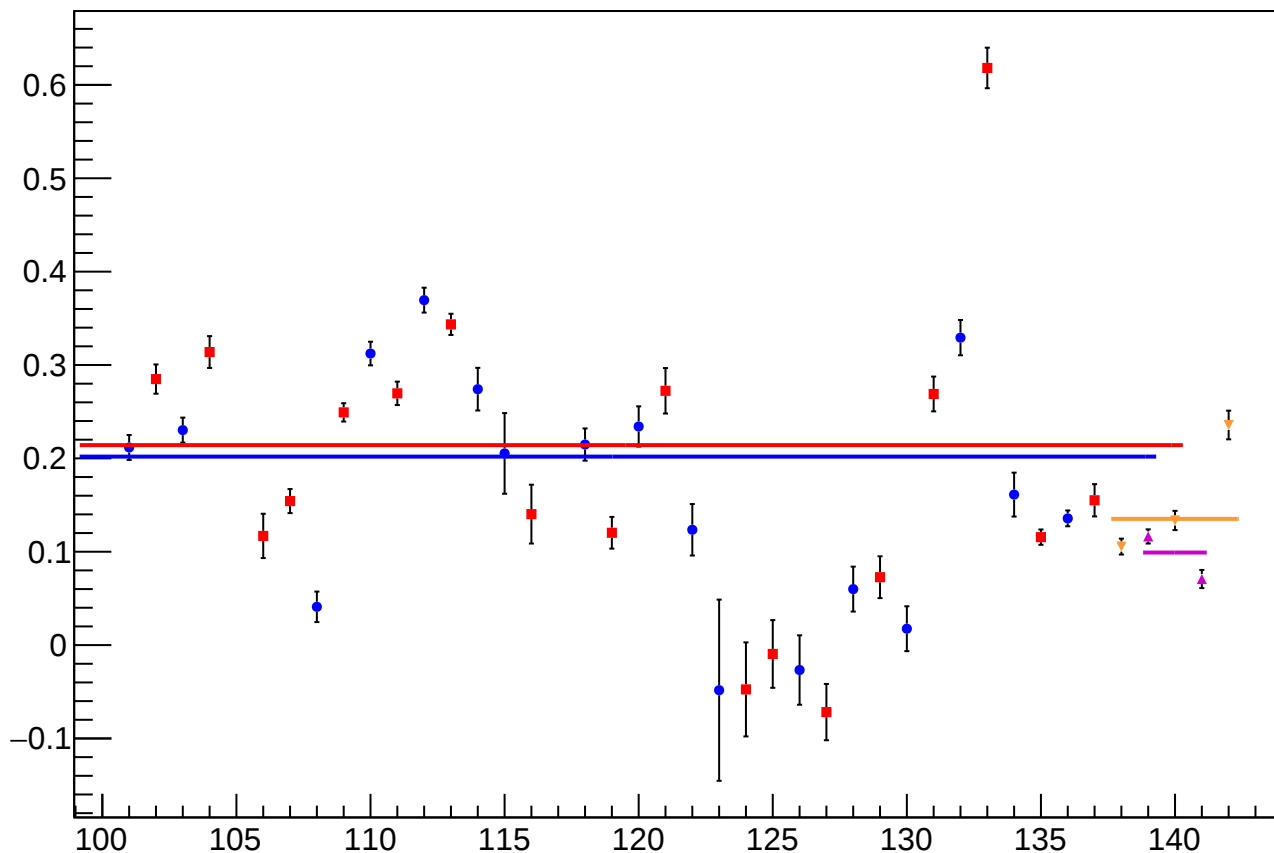
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.271 ± 0.060 χ^2/NDF : 1779.1/20

All: -1.344 ± 0.044 χ^2/NDF : 3531.5/39

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.135 $\pm$ 0.006 χ^2 /NDF:55.0/2

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:13.7/1

Left: 0.117 $\pm$ 0.004 χ^2 /NDF: 86.7/4

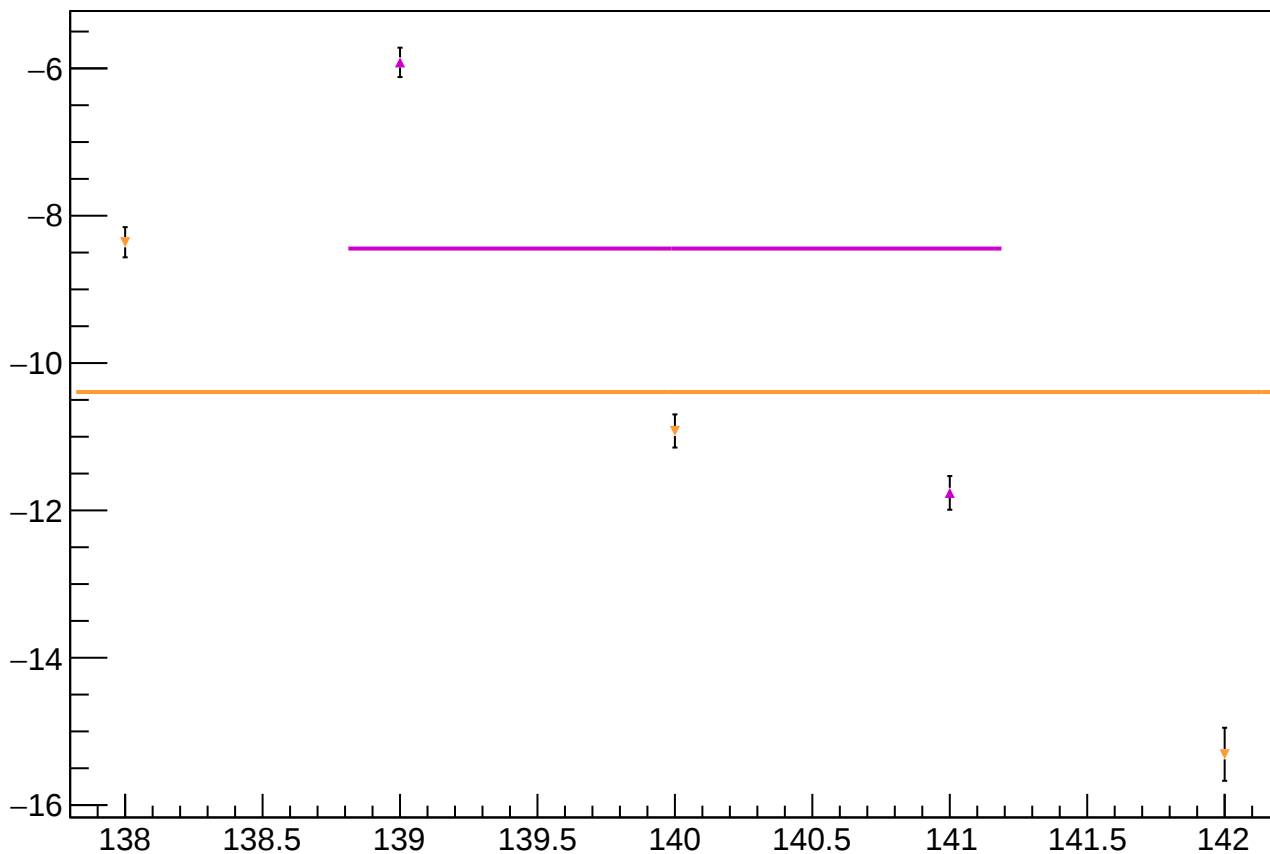
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.169 $\pm$ 0.003 χ^2 /NDF:818.3/18

Out: 0.193 $\pm$ 0.003 χ^2 /NDF:1181.4/20

All: 0.182 $\pm$ 0.002 χ^2 /NDF: 2026.1/39

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.393+/-0.140 χ^2/NDF :290.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.446+/-0.150 χ^2/NDF :370.6/1

Left: -9.491+/-0.102 χ^2/NDF : 751.1/4

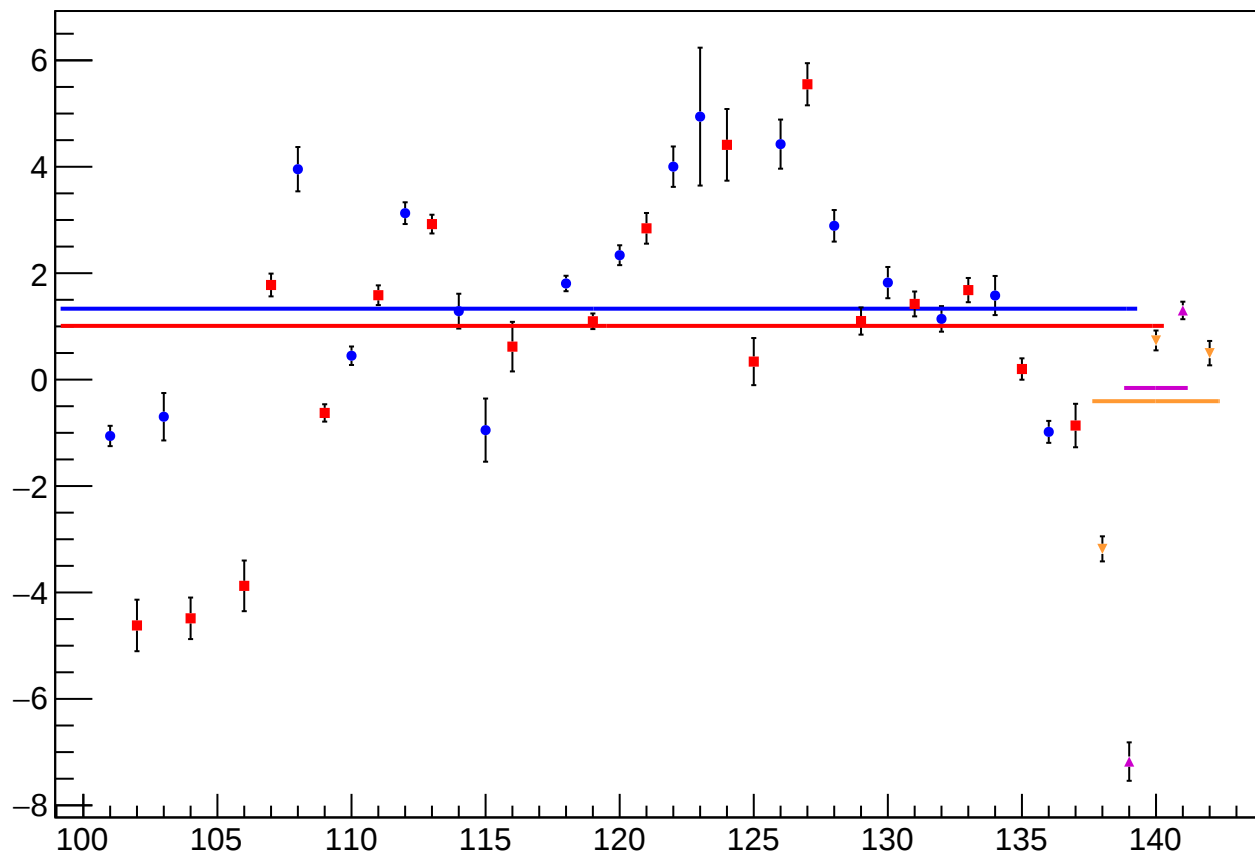
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.446+/-0.150 χ^2/NDF :370.6/1

Out: -10.393+/-0.140 χ^2/NDF :290.5/2

All: -9.491+/-0.102 χ^2/NDF : 751.1/4

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: -0.405 ± 0.123 χ^2/NDF : 191.8/2

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: -0.157 ± 0.150 χ^2/NDF : 456.4/1

Left: -0.305 ± 0.095 χ^2/NDF : 649.9/4

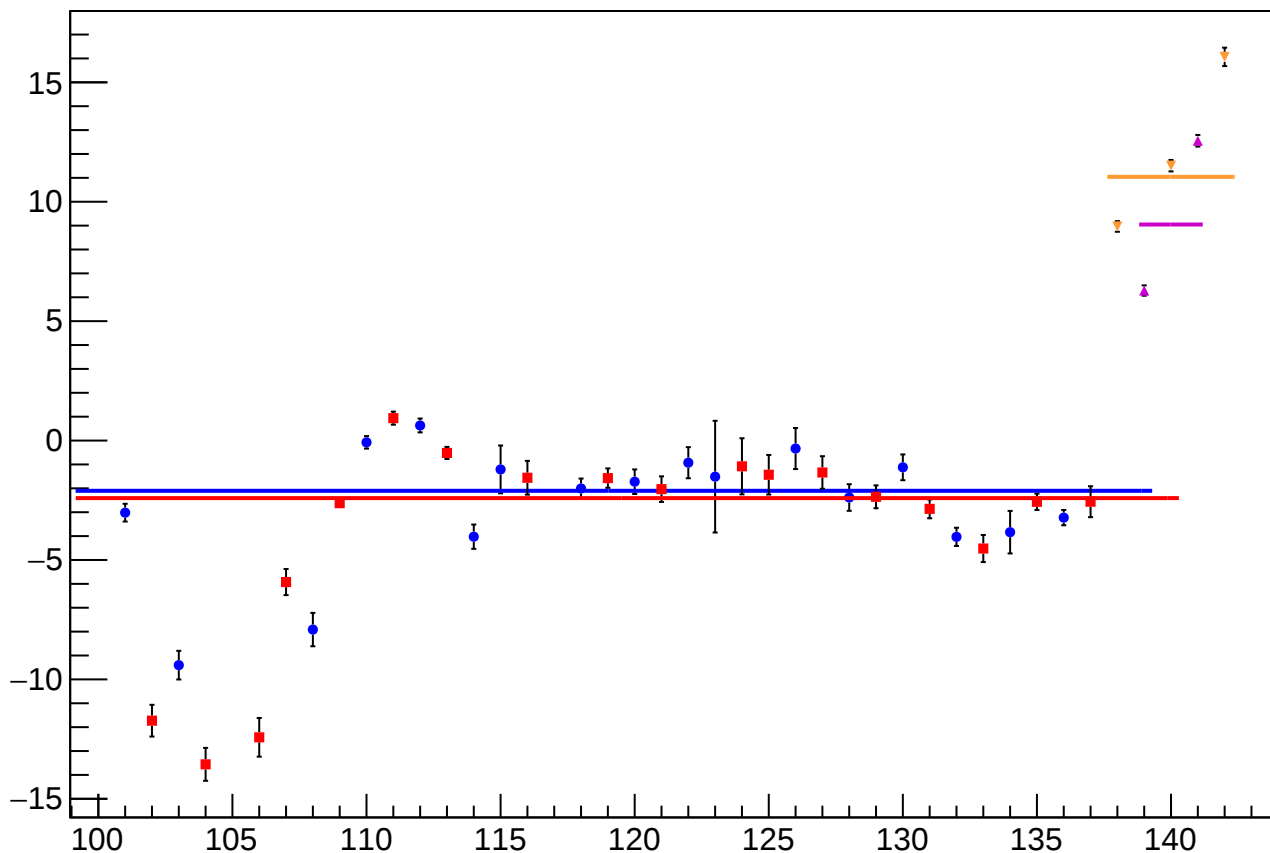
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.120 ± 0.057 χ^2/NDF : 1175.9/18

Out: 0.753 ± 0.053 χ^2/NDF : 1230.0/20

All: 0.922 ± 0.039 χ^2/NDF : 2428.4/39

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 11.044 ± 0.150 χ^2/NDF : 260.9/2

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 9.046 ± 0.161 χ^2/NDF : 371.8/1

Left: 10.117 ± 0.110 χ^2/NDF : 714.7/4

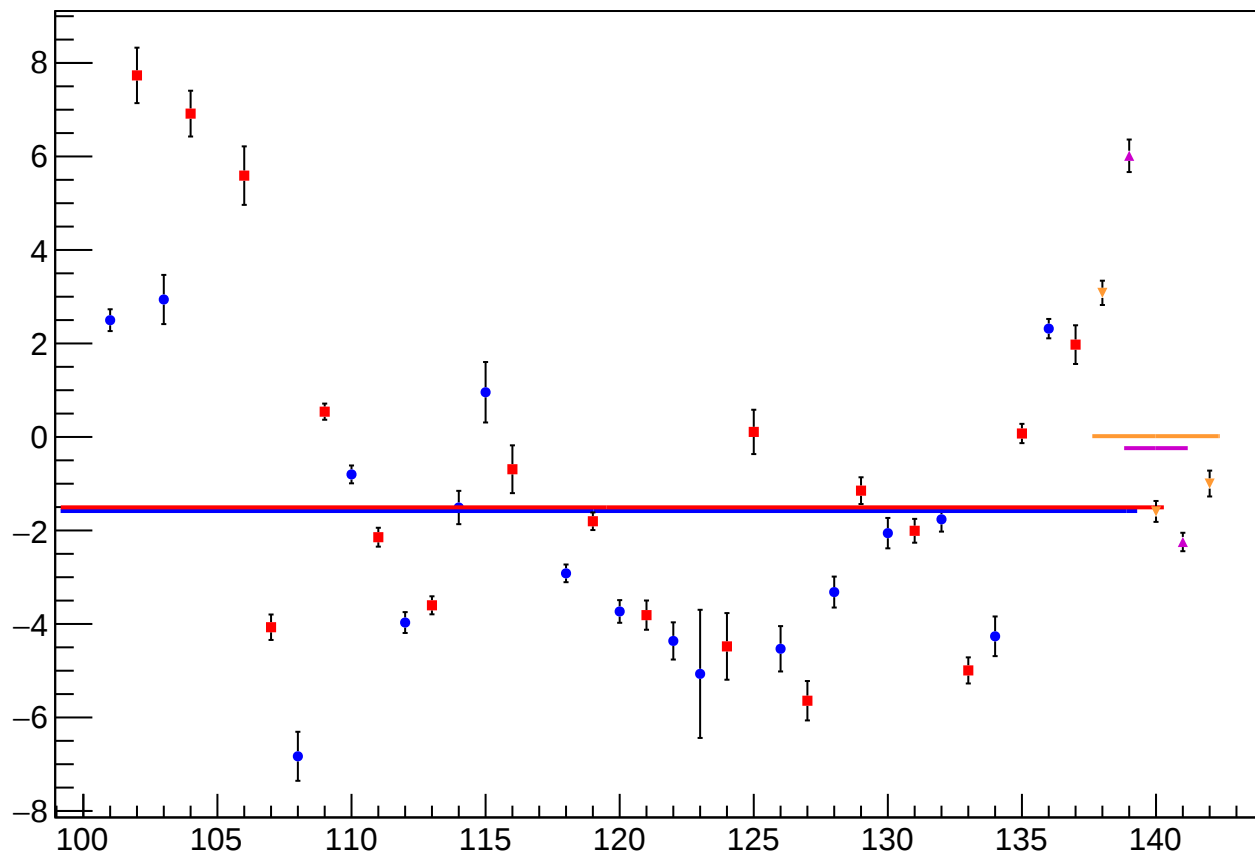
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 1.678 ± 0.083 χ^2/NDF : 6732.9/20

All: 1.584 ± 0.061 χ^2/NDF : 10787.8/39

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: 0.017 ± 0.145 χ^2/NDF : 204.3/2

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -0.239 ± 0.172 χ^2/NDF : 426.7/1

Left: -0.089 ± 0.111 χ^2/NDF : 632.3/4

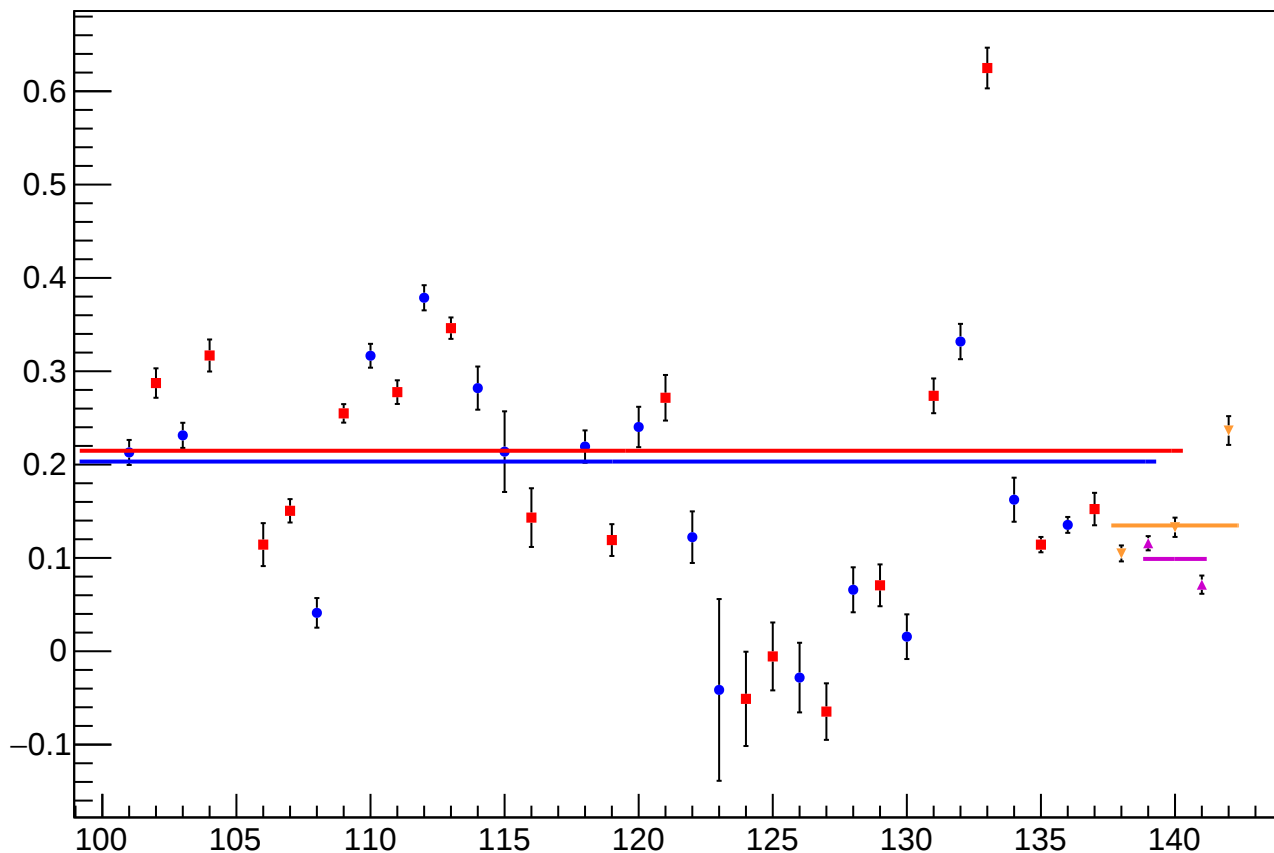
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.390 ± 0.065 χ^2/NDF : 1751.5/18

Out: -1.245 ± 0.060 χ^2/NDF : 1796.1/20

All: -1.312 ± 0.044 χ^2/NDF : 3550.3/39

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF : 632.8/16

Left Out: 0.135+/-0.006 χ^2/NDF :55.8/2

Right Out: 0.215+/-0.004 χ^2/NDF : 1033.0/17

Left In: 0.099+/-0.006 χ^2/NDF :12.8/1

Left: 0.117+/-0.004 χ^2/NDF : 86.3/4

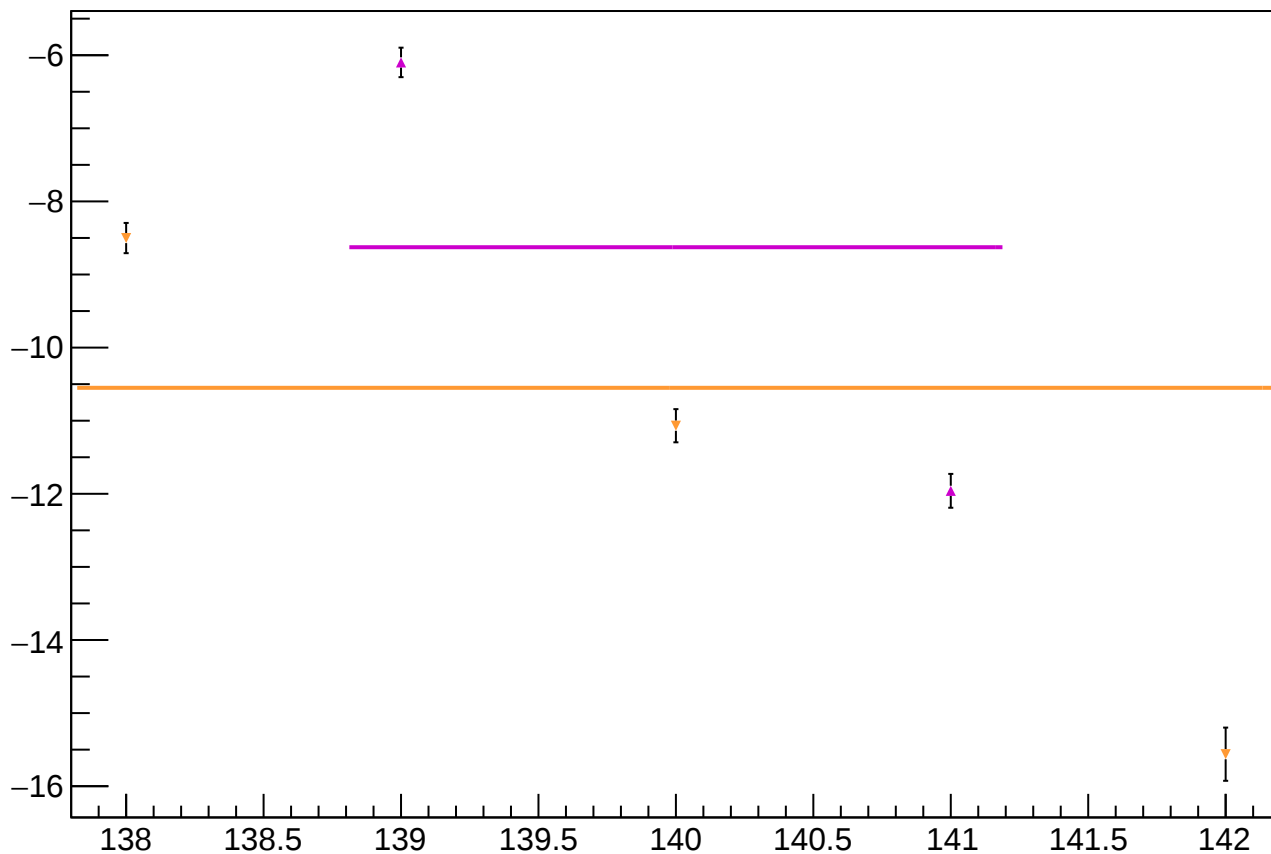
Right: 0.210+/-0.003 χ^2/NDF : 1670.1/34

In: 0.170+/-0.003 χ^2/NDF :850.1/18

Out: 0.193+/-0.003 χ^2/NDF :1215.9/20

All: 0.182+/-0.002 χ^2/NDF : 2091.2/39

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.550+/-0.141 χ^2/NDF : 293.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Left: -9.661+/-0.103 χ^2/NDF : 743.5/4

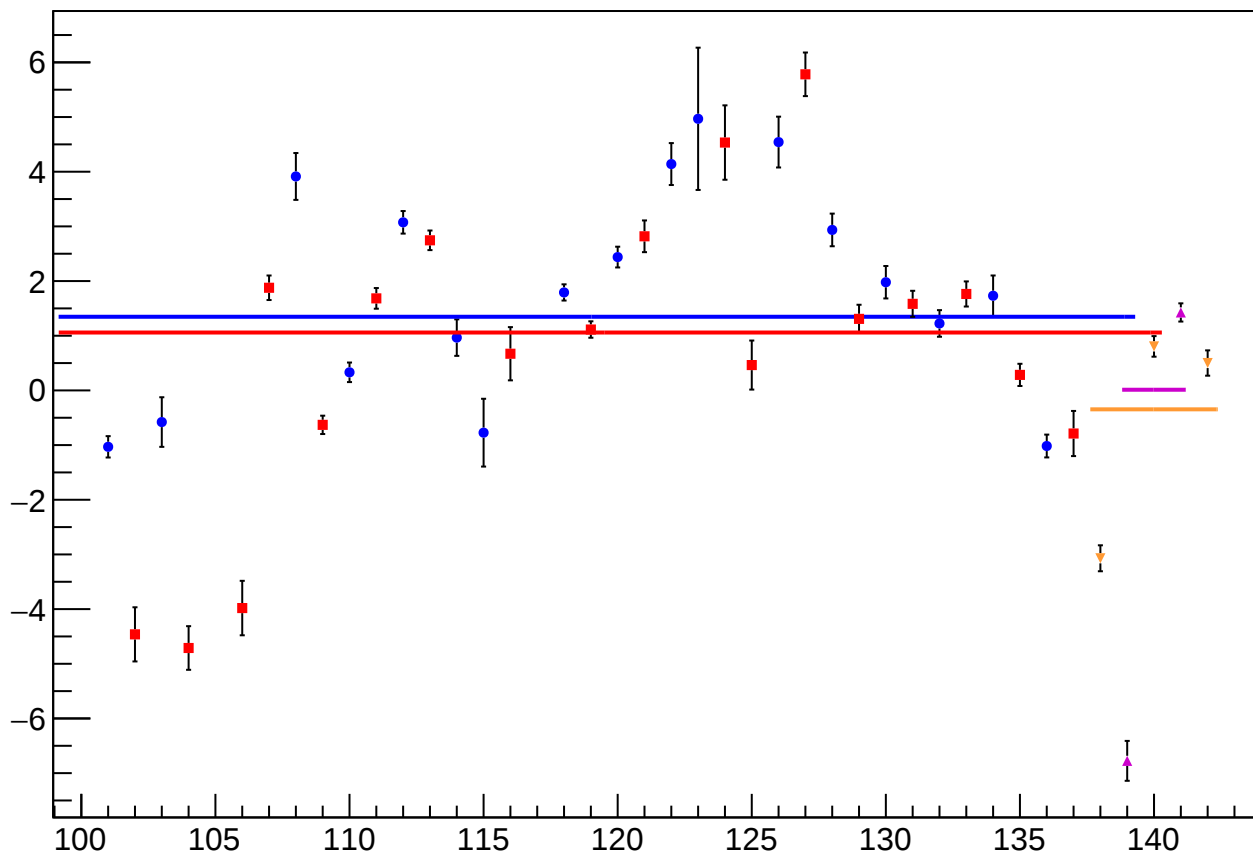
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Out: -10.550+/-0.141 χ^2/NDF : 293.1/2

All: -9.661+/-0.103 χ^2/NDF : 743.5/4

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: -0.346 ± 0.124 χ^2/NDF : 182.4/2

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.012 ± 0.151 χ^2/NDF : 418.2/1

Left: -0.202 ± 0.096 χ^2/NDF : 603.9/4

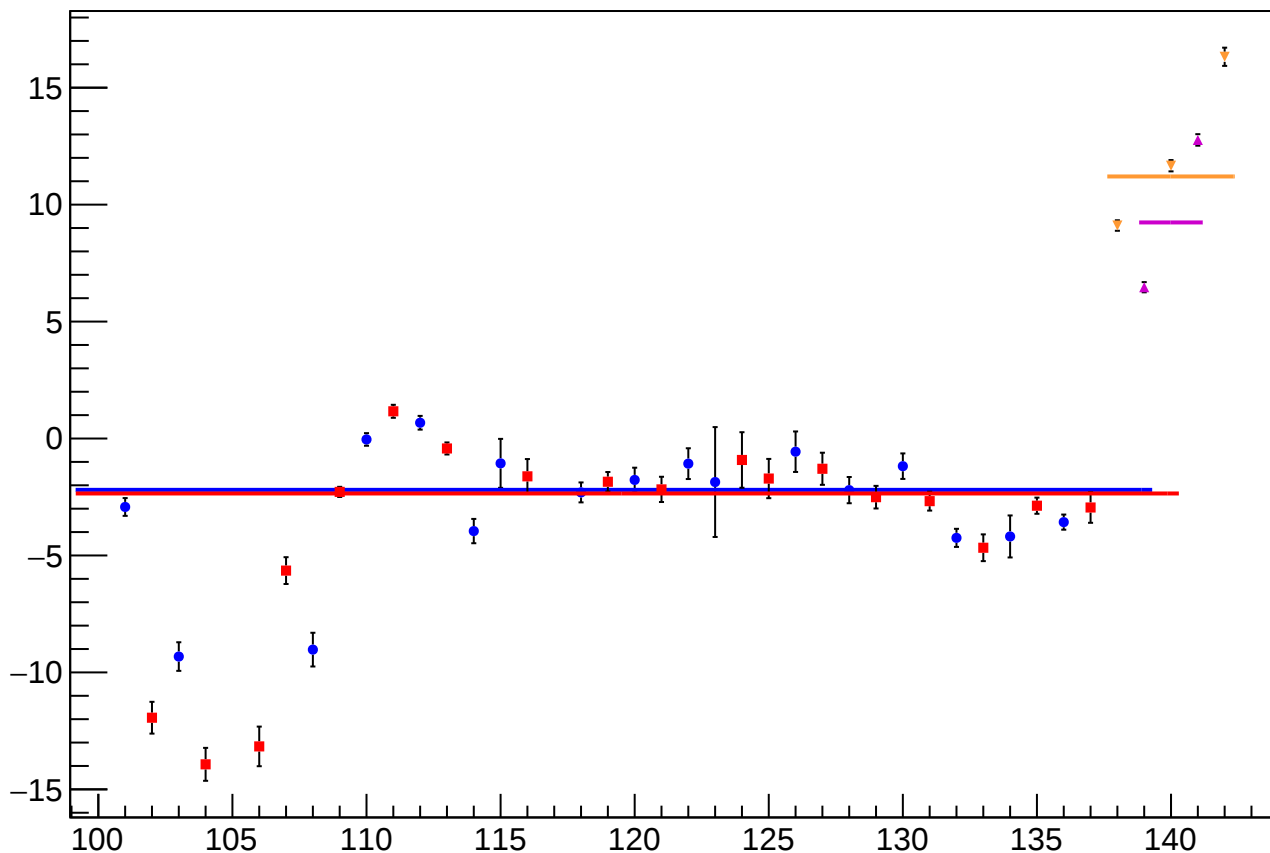
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.154 ± 0.058 χ^2/NDF : 1114.7/18

Out: 0.799 ± 0.054 χ^2/NDF : 1191.6/20

All: 0.963 ± 0.039 χ^2/NDF : 2326.7/39

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 11.205 ± 0.152 $\chi^2/\text{NDF}: 263.6/2$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

Left: 10.295 ± 0.111 $\chi^2/\text{NDF}: 707.8/4$

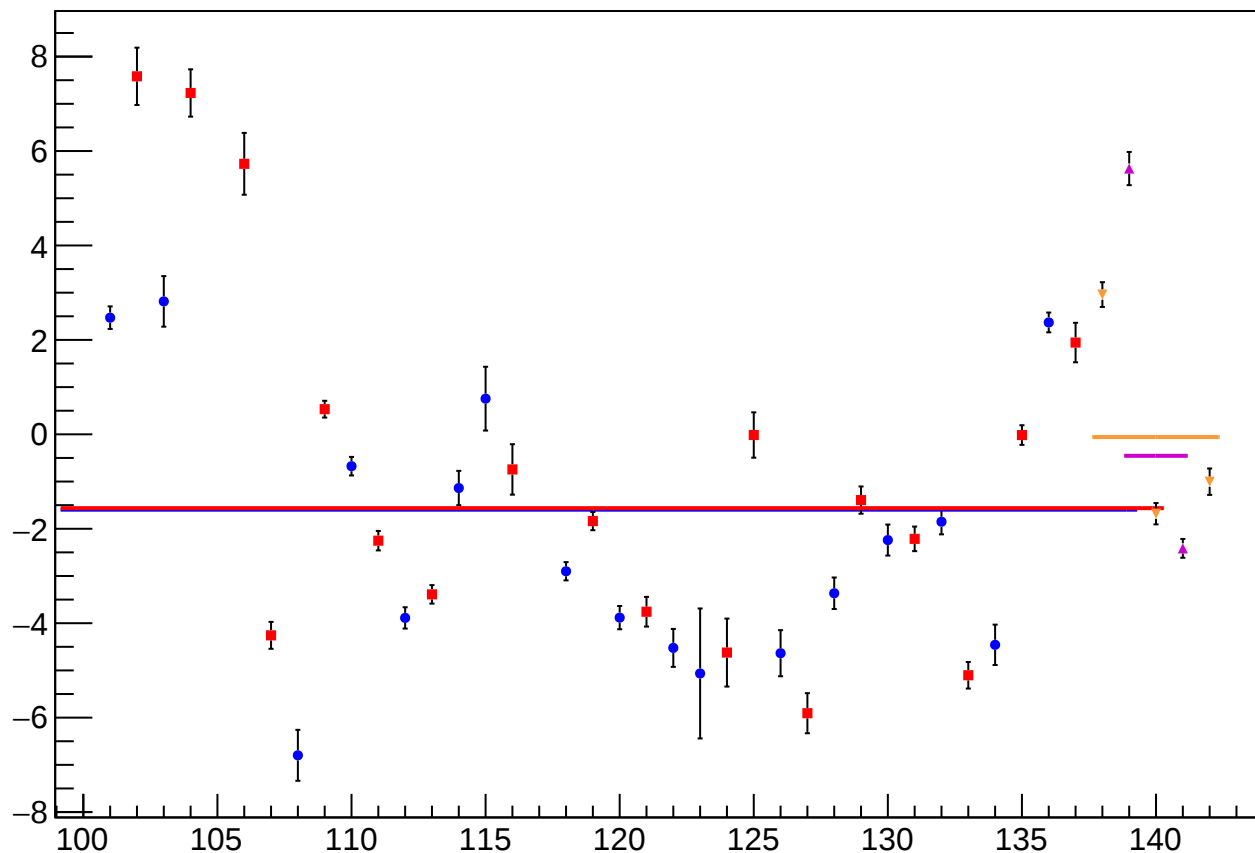
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 1.837 ± 0.084 $\chi^2/\text{NDF}: 6697.9/20$

All: 1.685 ± 0.062 $\chi^2/\text{NDF}: 10852.5/39$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.057 ± 0.146 χ^2/NDF : 195.7/2

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.455 ± 0.174 χ^2/NDF : 396.0/1

Left: -0.222 ± 0.112 χ^2/NDF : 594.8/4

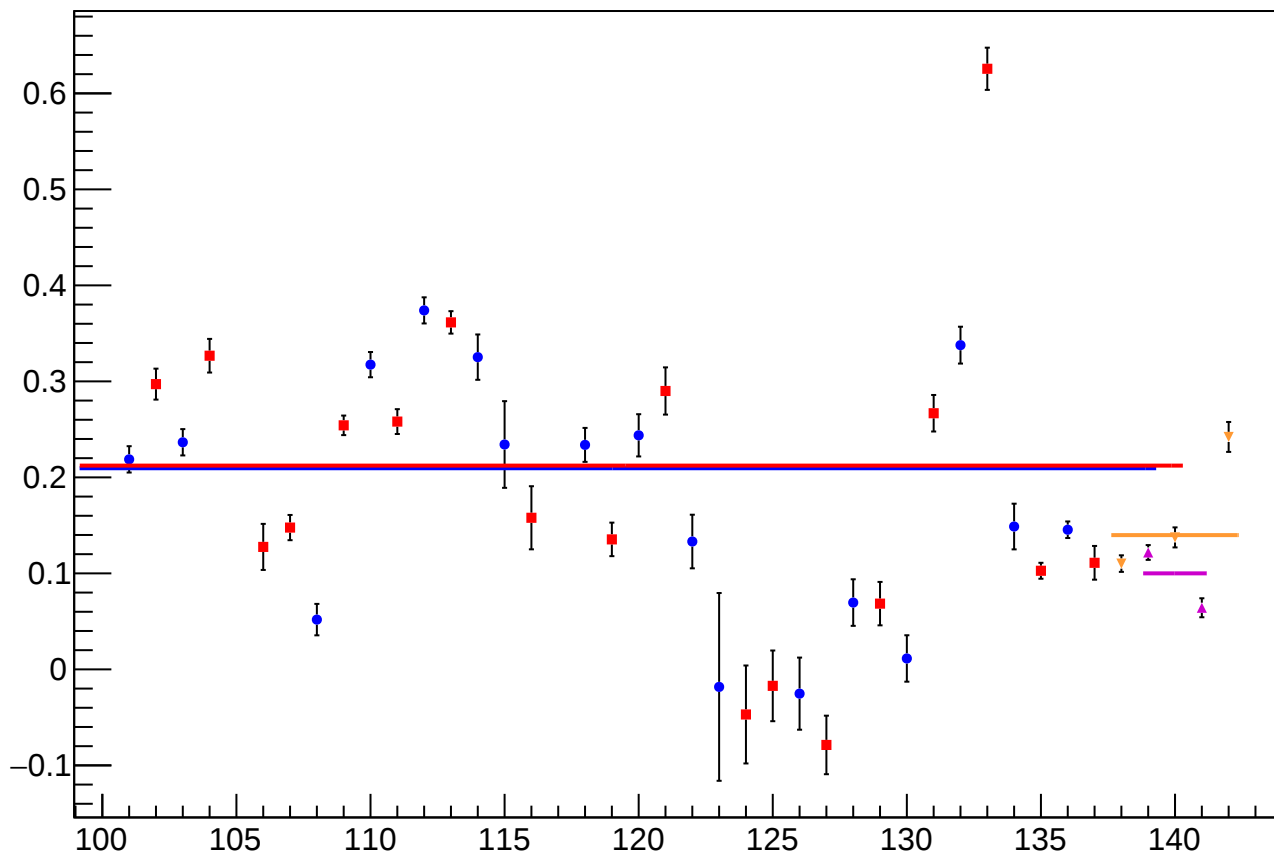
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.302 ± 0.061 χ^2/NDF : 1745.5/20

All: -1.360 ± 0.045 χ^2/NDF : 3435.9/39

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.140 $\pm$ 0.006 χ^2 /NDF:54.9/2

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.100 $\pm$ 0.006 χ^2 /NDF:21.1/1

Left: 0.120 $\pm$ 0.004 χ^2 /NDF: 97.4/4

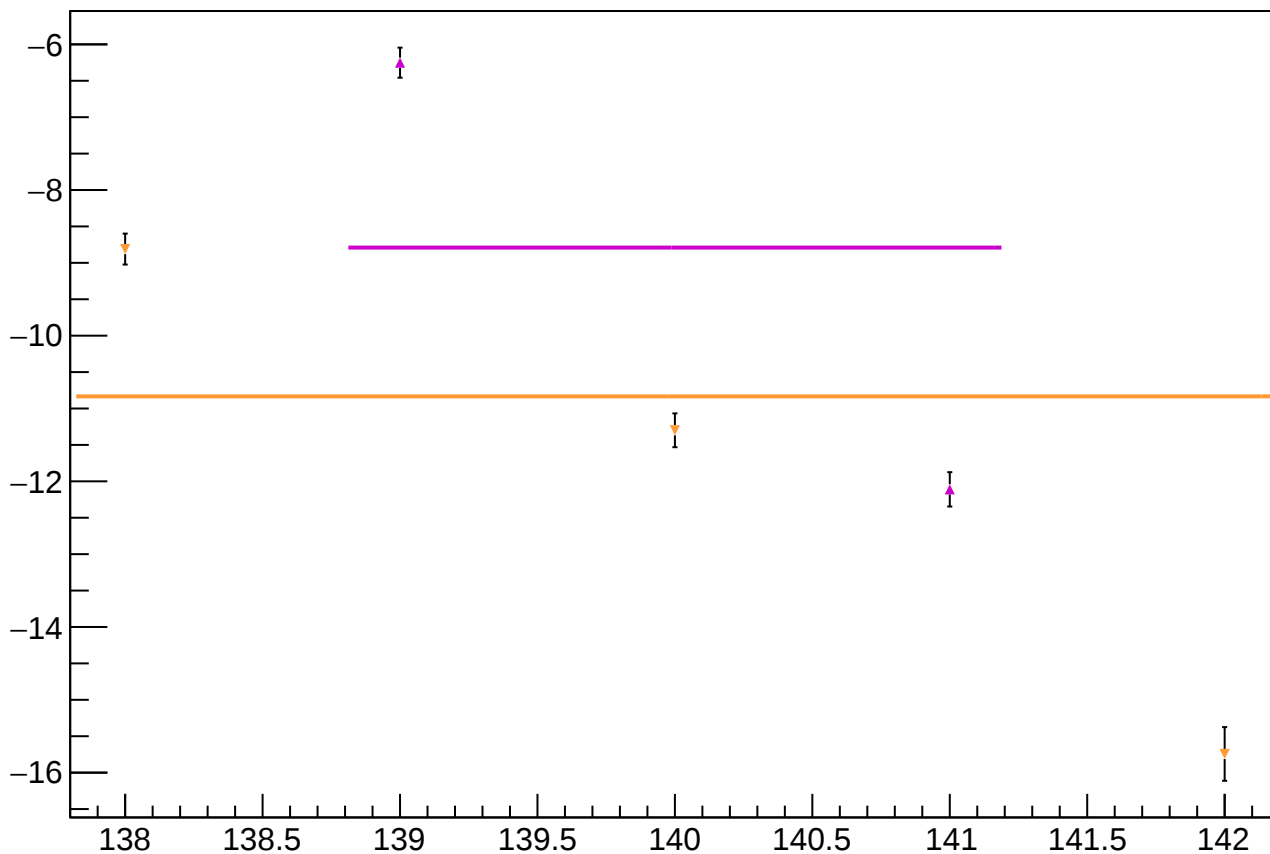
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.174 $\pm$ 0.003 χ^2 /NDF:838.3/18

Out: 0.192 $\pm$ 0.003 χ^2 /NDF:1253.3/20

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 2106.5/39

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.833+/-0.144 χ^2/NDF : 271.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Left: -9.887+/-0.106 χ^2/NDF : 714.3/4

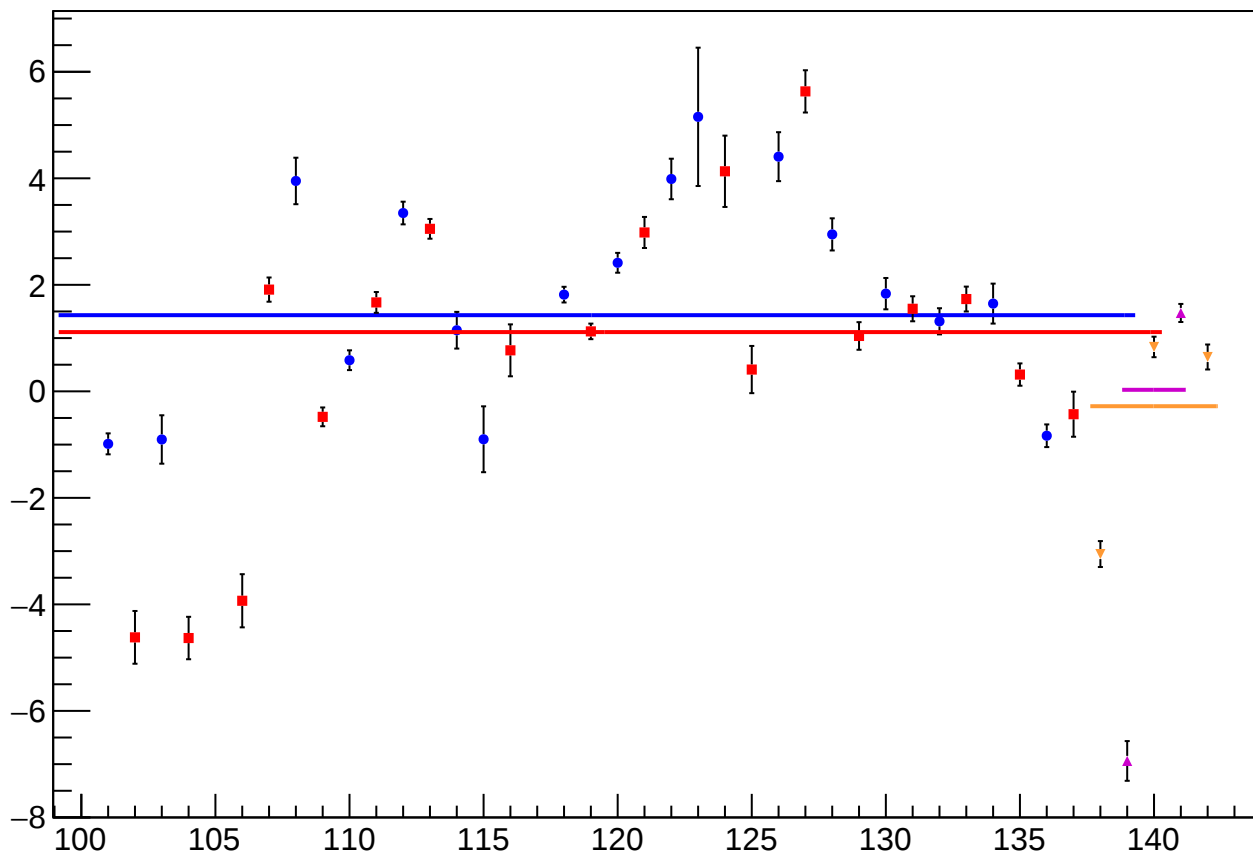
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Out: -10.833+/-0.144 χ^2/NDF : 271.9/2

All: -9.887+/-0.106 χ^2/NDF : 714.3/4

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: -0.279 ± 0.127 $\chi^2/\text{NDF}: 178.9/2$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 0.029 ± 0.154 $\chi^2/\text{NDF}: 421.4/1$

Left: -0.155 ± 0.098 $\chi^2/\text{NDF}: 602.7/4$

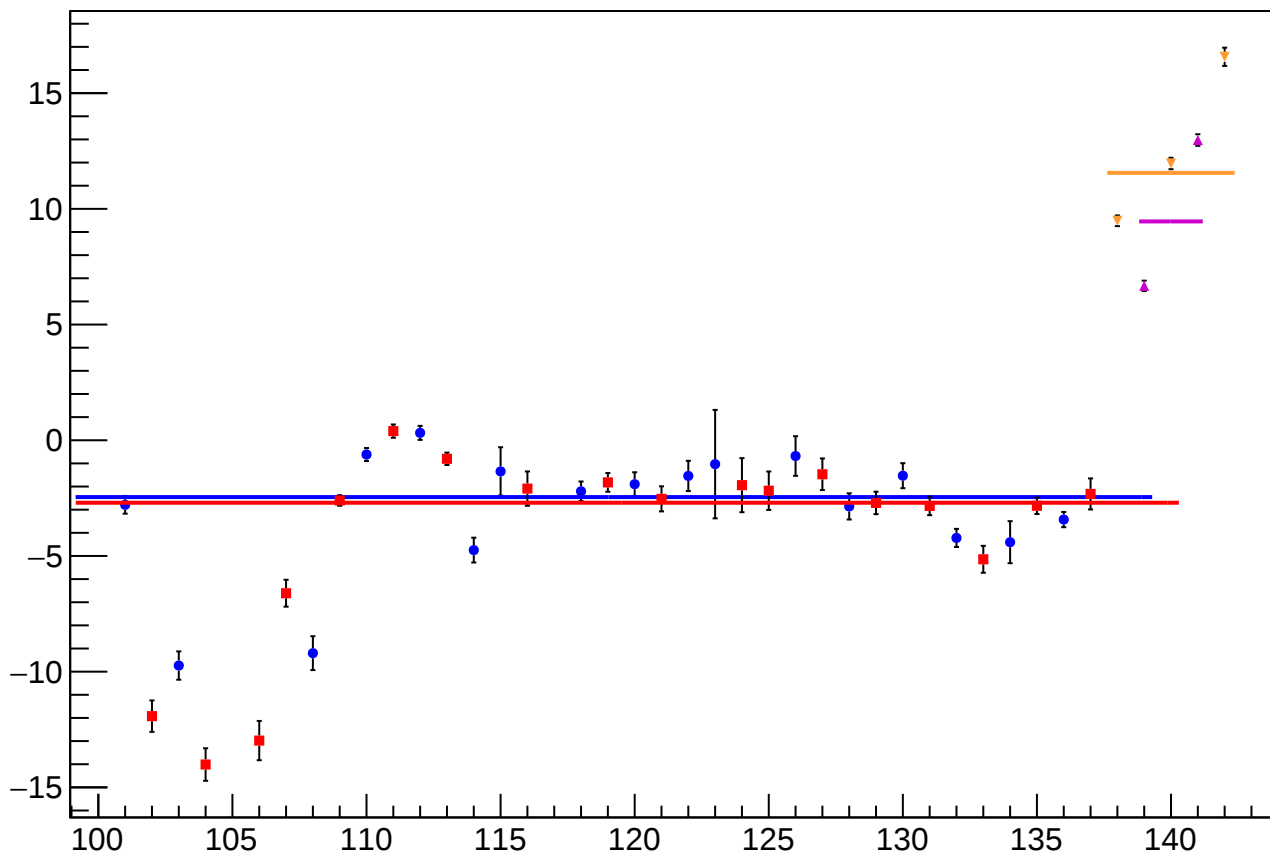
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.231 ± 0.058 $\chi^2/\text{NDF}: 1090.1/18$

Out: 0.858 ± 0.054 $\chi^2/\text{NDF}: 1164.6/20$

All: 1.032 ± 0.040 $\chi^2/\text{NDF}: 2276.7/39$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 11.555 ± 0.155 χ^2/NDF : 244.7/2

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 9.457 ± 0.167 χ^2/NDF : 352.0/1

Left: 10.581 ± 0.114 χ^2/NDF : 681.5/4

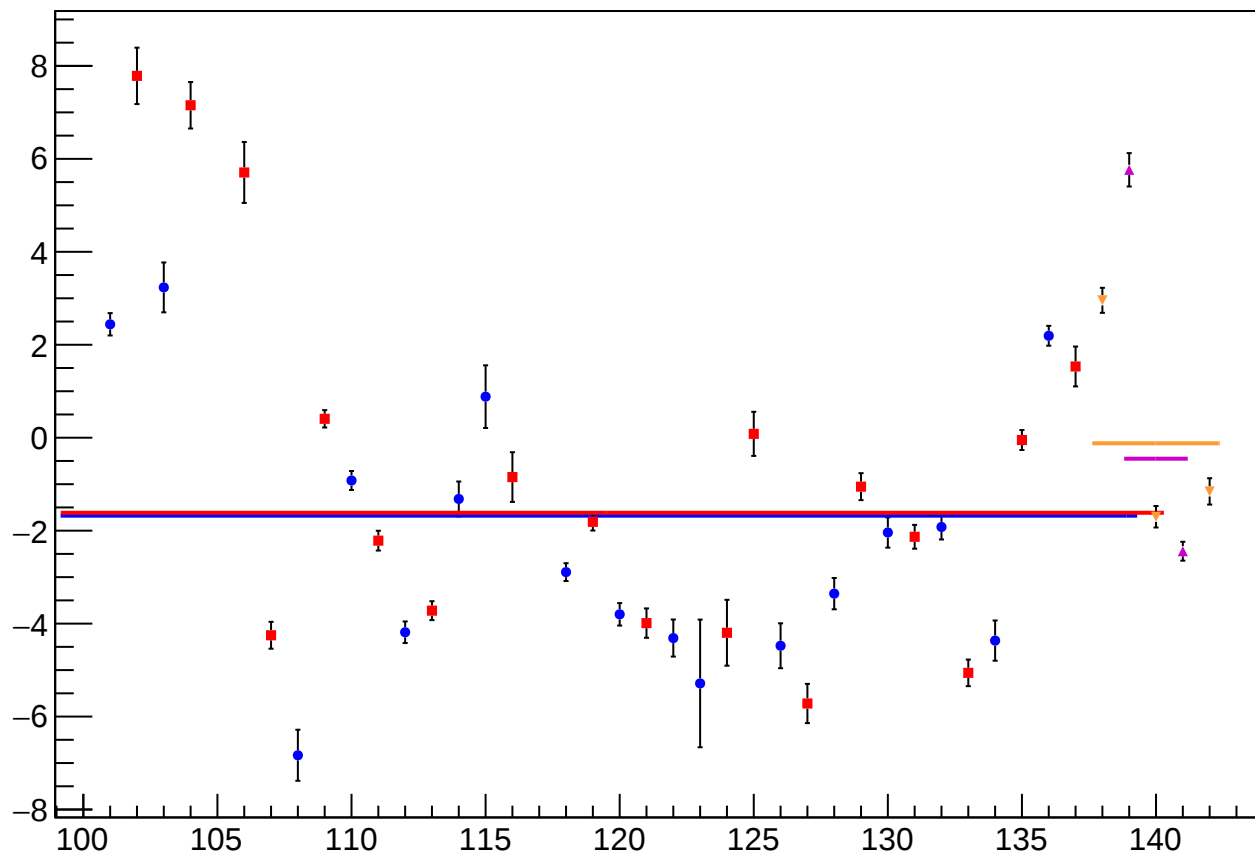
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 1.364 ± 0.094 χ^2/NDF : 4238.6/18

Out: 1.691 ± 0.086 χ^2/NDF : 6910.8/20

All: 1.543 ± 0.064 χ^2/NDF : 11155.9/39

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -0.120 ± 0.149 χ^2/NDF : 191.0/2

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -0.452 ± 0.177 χ^2/NDF : 395.1/1

Left: -0.257 ± 0.114 χ^2/NDF : 588.2/4

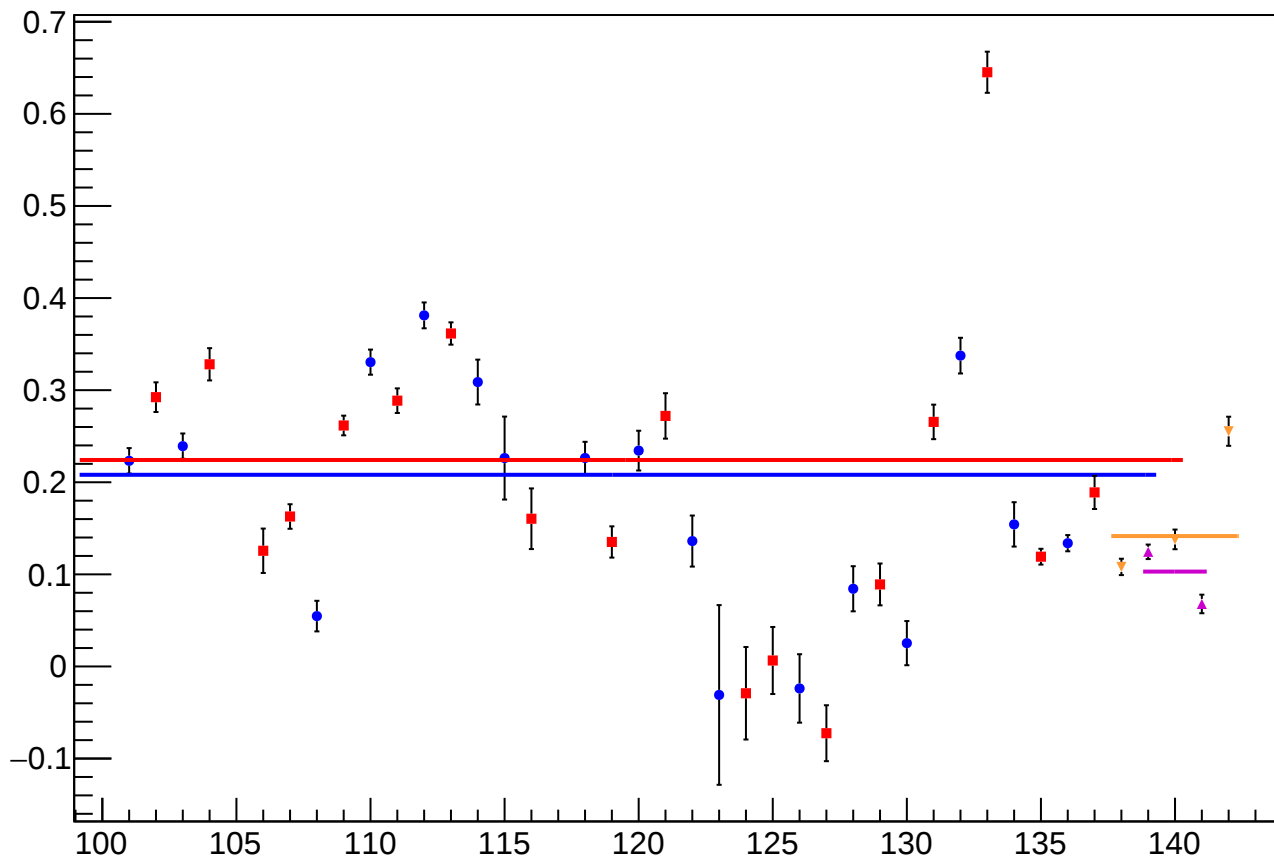
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.501 ± 0.067 χ^2/NDF : 1640.9/18

Out: -1.357 ± 0.062 χ^2/NDF : 1701.6/20

All: -1.423 ± 0.045 χ^2/NDF : 3345.0/39

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.142 $\pm$ 0.006 χ^2 /NDF:66.3/2

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.103 $\pm$ 0.006 χ^2 /NDF:19.6/1

Left: 0.122 $\pm$ 0.004 χ^2 /NDF: 105.0/4

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.174 $\pm$ 0.004 χ^2 /NDF:814.7/18

Out: 0.202 $\pm$ 0.003 χ^2 /NDF:1188.2/20

All: 0.189 $\pm$ 0.002 χ^2 /NDF: 2034.7/39